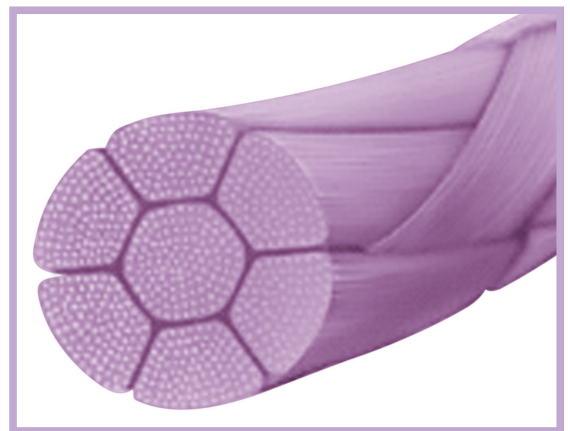


Surgical

Assut sutures

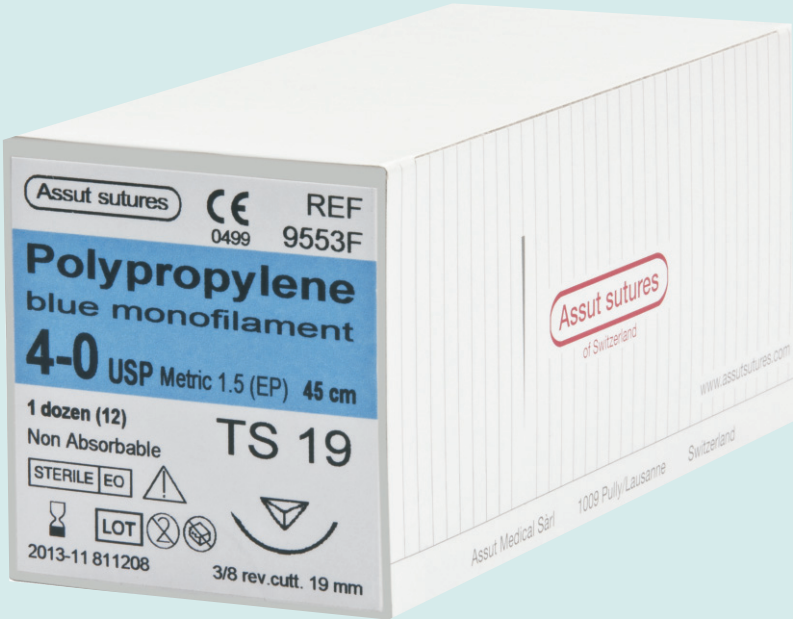
Made in Switzerland

AssuCryl® synthetic absorbable



# Assut sutures

Made in Switzerland



[www.assutsutures.com](http://www.assutsutures.com)



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# Introduction

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Assut Medical Sàrl, with factory located since 1962 in the famous Swiss region of the watch-industry and fine metal technology, is specialized in the manufacturing of atraumatic surgical needles and sterile surgical sutures.

Constantly adapting and enlarging its range of products to meet modern surgery requirements, Assut sutures are designed and made for all surgical specialties and renown world-wide. Assut sutures meet the surgeon's requirements in all surgical procedures.

With a long history providing surgical sutures of the highest quality, you can count on a team of dedicated Personnel, Technicians and Specialists.

The way our products are shown and described hereafter will make it easy for you to choose and order your sutures. Our company is EN ISO 9001/EN ISO 13485 certified. Our production and products are in compliance with the requirements according to the European medical device directive 93/42/EEC and all our sutures are CE-marked.

Assut Medical Sàrl

AT THE SERVICE OF SURGERY

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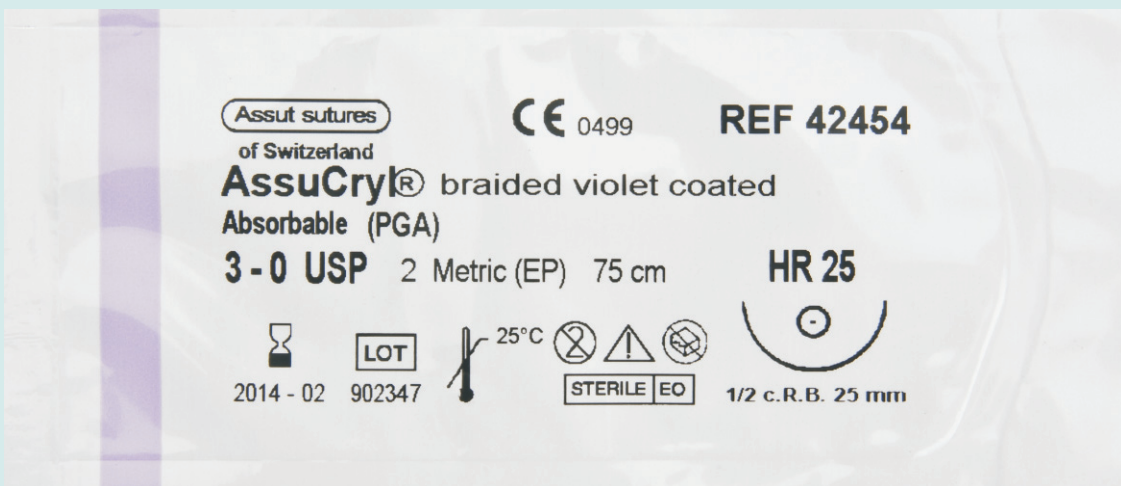
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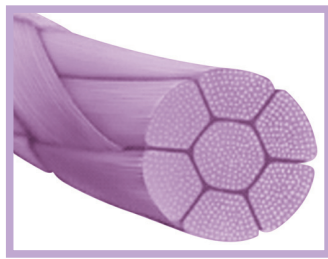
# Assut sutures

Made in Switzerland



# — Suture Materials and Colour Codes —

## Absorbable



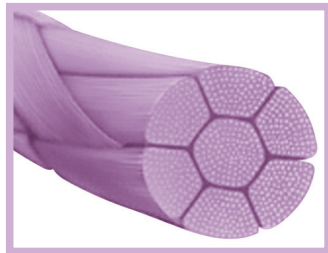
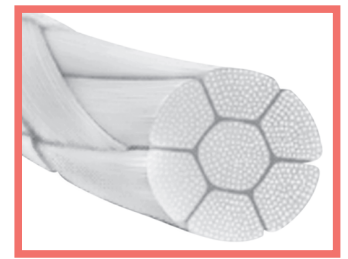
### AssuCryl® synthetic absorbable

Braided, coated synthetic absorbable PGA. Predictable absorption time. High initial tensile strength. Easy and secure knotting. Excellent knot sliding and smooth to handle. Violet and undyed (white). Absorption essentially complete between 60 and 90 days.



### AssuCryl® Rapid synthetic absorbable

Braided, coated synthetic absorbable PGA. Predictable shorter absorption time. High initial tensile strength. Easy and secure knotting with excellent knot sliding, smooth to handle. Undyed (white) only. Absorption essentially complete between 40 to 45 days.



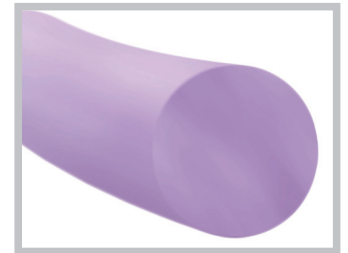
### AssuCryl® Lactin synthetic absorbable

Braided, coated synthetic absorbable PGLA. Predictable absorption time. High initial tensile strength. Easy and secure knotting. Excellent knot sliding and smooth to handle. Violet and undyed (white). Absorption essentially complete between 56 and 70 days.



### AssuCryl® MonoSlow synthetic absorbable

Monofilament synthetic absorbable PDO (Polydioxanone), violet. High initial tensile strength, easy to handle and smooth passage through tissue. Absorption essentially complete between 180 to 210 days.



### AssuCryl® MonoRapid synthetic absorbable

Monofilament synthetic absorbable PGCL (Poliglecaprone). Available in violet or undyed. Easy to handle and smooth passage through tissue. Absorption essentially complete between 90 to 120 days.



## Non - Absorbable



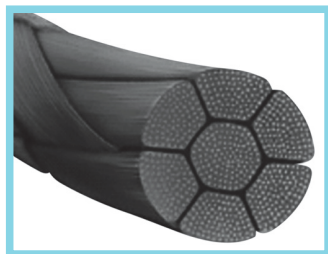
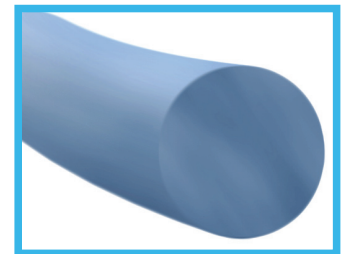
### Polyester coated/Astralen

Green braided polyester with improved tensile strength and knot security, siliconized. A modern braiding technique gives the strand a smooth and uniform surface that minimizes the trauma.



### Polypropylene

Blue monofilament polypropylene is flexible and ties securely. Extremely well tolerated, its smooth and uniform surface allows easy passage through tissue with minimum trauma.



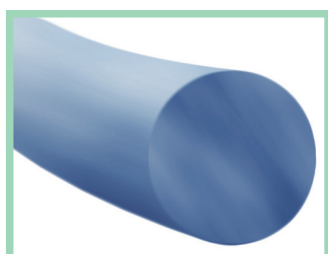
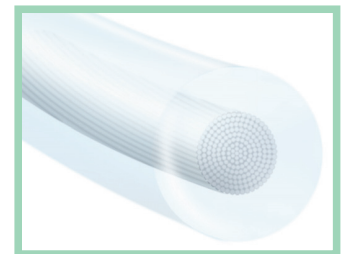
### Silk

Black braided surgical silk on twisted core for greater tensile strength. Wax treatment and new braiding technique render the silk uniform and smooth and facilitate its handling.



### Supramid

Black monofilament polyamide with supersoft core, resulting in superior pliability and knot security. The uniform and smooth surface permits effortless passage through tissue with minimum trauma. Supramid is extremely well tolerated.



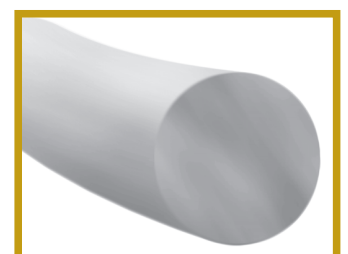
### Monofil Nylon/Polyamide

Blue monofilament polyamide with high tensile strength. The uniform and smooth surface permits effortless passage through tissue with minimum trauma. Extremely well tolerated.














### Surgical Steel

Monofilament stainless steel with very high tensile strength and excellent knot security. This strand causes minimum tissue reaction.



# Information on Labelling

| Symbol  | Meaning                            |
|---|------------------------------------|
|    | Do not re-use. Disposable product  |
|    | Expiry-date. Use until year/month  |
|    | Lot Number                         |
|    | Sterilized with Ethylene Oxide     |
|    | Sterilized with Gamma-Irradiation  |
|    | See instructions for use           |
|    | CE Mark of the Notified Body       |
|    | Product Number                     |
|   | Maximum Temperature °C             |
|  | Do not use if packaging is damaged |
|  | Do not re-sterilize                |

## Information on REF

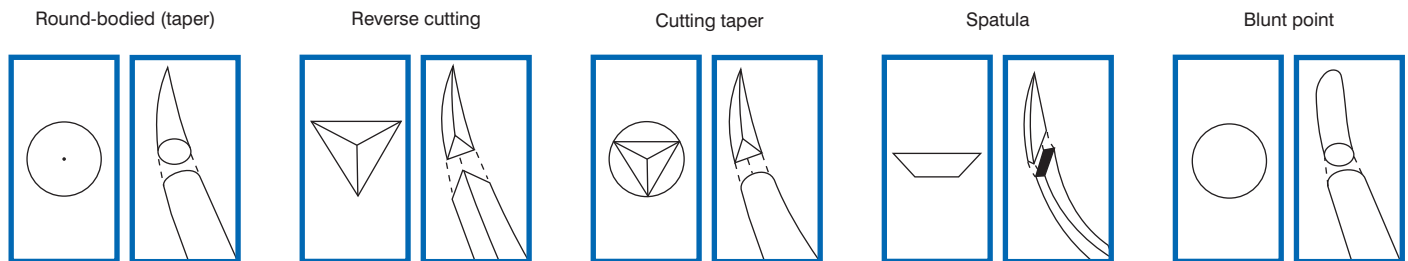
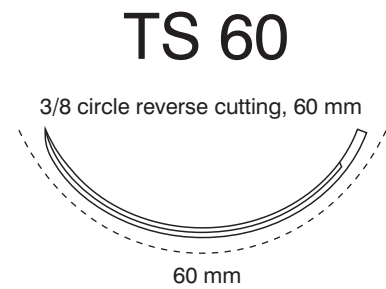
Each Assut product has a REF (Prod.No.) with either 3, 4 or more digits. The prefix or suffix letter(s), if any, refer to the suture material, such as:

| Prefix                | Suffix                       |
|-----------------------|------------------------------|
| <b>M</b> Monofilament | <b>TH</b> 30 cm long strand  |
| <b>R</b> Rapid        | <b>THF</b> 35 cm long strand |
| <b>S</b> Slow         | <b>TE</b> 38 cm long strand  |
| <b>B</b> Reel         | <b>F</b> 45 cm long strand   |
| <b>L</b> Lactin       | <b>S</b> 60 cm long strand   |
|                       | 75 cm long strand            |
|                       | <b>E</b> 80 cm long strand   |
|                       | <b>N</b> 90 cm long strand   |
|                       | <b>H</b> 100 cm long strand  |
|                       | <b>HT</b> 120 cm long strand |
|                       | <b>HF</b> 150 cm long strand |
|                       | <b>HE</b> 180 cm long strand |
|                       | <b>T</b> 200 cm long strand  |
|                       | <b>TF</b> 240 cm long strand |
|                       | <b>W</b> White (or undyed)   |

# Needle shape and cross-section

## Logical needle codes

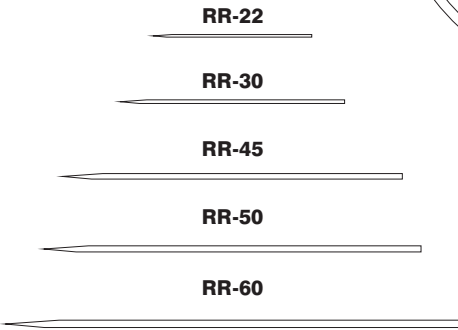
The shape, cross-section and length of needles are given by the needle codes, for example TS 60. The first letter refers to the shape of the needle, the second to the cross-section. The number stands for the needle length along the body (mm).



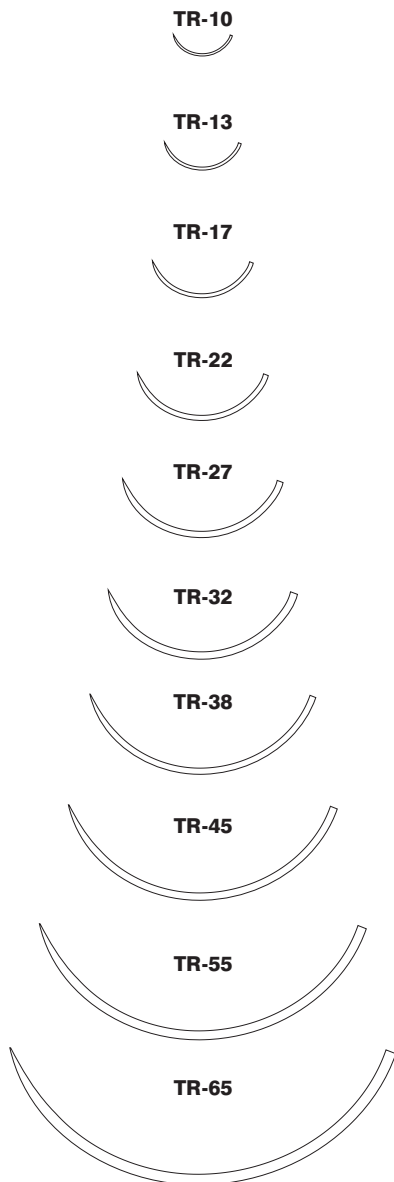
| Needle Code | Needle Shape              | Cross-section                                     | Symbol |
|-------------|---------------------------|---|--------|
| <b>HR</b>   | <b>H</b> 1/2 circle       | <b>R</b> Round-Bodied (taper)                     |        |
| <b>HRG</b>  | <b>H</b> 1/2 circle       | <b>R</b> Round-Bodied (taper) <b>G</b> heavy      |        |
| <b>HRM</b>  | <b>H</b> 1/2 circle       | <b>R</b> Round-Bodied (taper) <b>M</b> Micropoint |        |
| <b>HS</b>   | <b>H</b> 1/2 circle       | <b>S</b> Cutting                                  |        |
| <b>HSG</b>  | <b>H</b> 1/2 circle       | <b>S</b> Cutting <b>G</b> heavy                   |        |
| <b>HSP</b>  | <b>H</b> 1/2 circle       | <b>SP</b> Spatula                                 |        |
| <b>HSR</b>  | <b>H</b> 1/2 circle       | <b>SR</b> Cutting taper                           |        |
| <b>HSRG</b> | <b>H</b> 1/2 circle       | <b>SR</b> Cutting taper <b>G</b> heavy            |        |
| <b>KSP</b>  | <b>K</b> 1/4 circle       | <b>SP</b> Spatula                                 |        |
| <b>TR</b>   | <b>T</b> 3/8 circle       | <b>R</b> Round-Bodied (taper)                     |        |
| <b>TRM</b>  | <b>T</b> 3/8 circle       | <b>R</b> Round-Bodied (taper) <b>M</b> Micropoint |        |
| <b>TS</b>   | <b>T</b> 3/8 circle       | <b>S</b> Cutting                                  |        |
| <b>TSP</b>  | <b>T</b> 3/8 circle       | <b>SP</b> Spatula                                 |        |
| <b>TS-P</b> | <b>T</b> 3/8 circle       | <b>S</b> Cutting <b>P</b> Precision Point         |        |
| <b>TSR</b>  | <b>T</b> 3/8 circle       | <b>SR</b> Cutting taper                           |        |
| <b>RR</b>   | <b>R</b> straight         | <b>R</b> Round-Bodied (taper)                     |        |
| <b>RS</b>   | <b>R</b> straight         | <b>S</b> Cutting                                  |        |
| <b>FR</b>   | <b>F</b> 5/8 circle       | <b>R</b> Round-Bodied (taper)                     |        |
| <b>HTT</b>  | <b>H</b> 1/2 circle       | <b>TT</b> Blunt-Point                             |        |
| <b>HMR</b>  | <b>HM</b> straight-curved | <b>R</b> Round-Bodied (taper)                     |        |
| <b>HMS</b>  | <b>HM</b> straight-curved | <b>S</b> Cutting                                  |        |
| <b>SKT</b>  | <b>SK</b> straight-curved | <b>T</b> Cutting                                  |        |

# Needle-chart

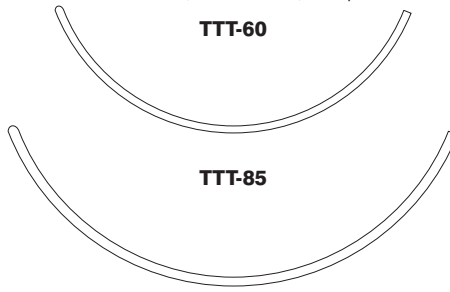
**RR-needles**   
straight, Round-Bodied (taper)



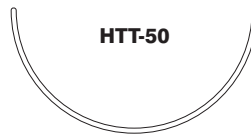
**TR-needles**   
3/8 circle, Round-Bodied (taper)



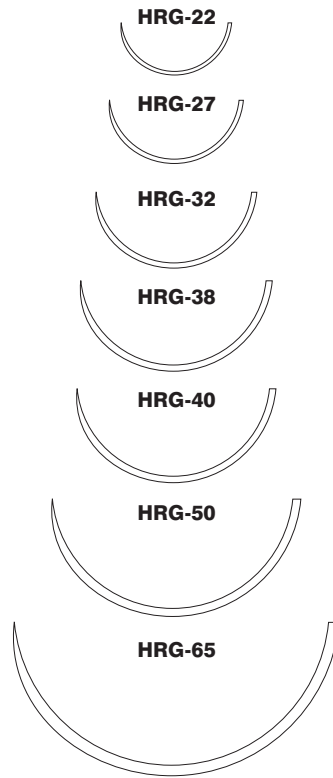
**TTT-needle**   
3/8 circle, Round-Bodied, Blunt point



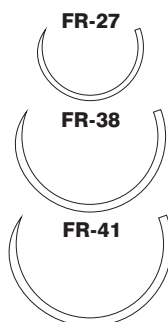
**HTT-needle**   
1/2 circle, Round-Bodied, Blunt point



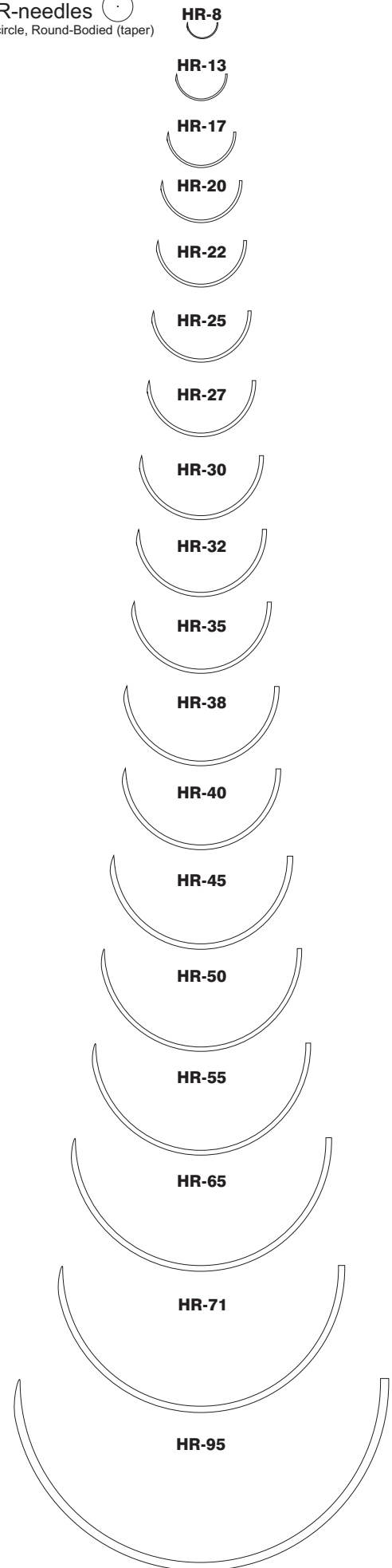
**HRG-needles**   
1/2 circle, Round-Bodied (taper) heavy



**FR-needles**   
5/8 circle, Round-Bodied (taper)



**HR-needles**   
1/2 circle, Round-Bodied (taper)





**TS-needles**   
3/8 circle, reverse cutting

**TS-12**

**TS-15**

**TS-17**

**TS-19**

**TS-24**

**TS-27**

**TS-30**

**TS-38**

**TS-45**

**TS-60**

**TS-90**

**TS-P needles**   
3/8 circle, reverse cutting  
Precision Point

**TS-12P**

**TS-15P**

**TS-19P**

**TS-24P**

**RS-needles**   
straight, cutting

**RS-45**

**RS-50**

**RS-58**

**RS-75**

**RS-90**

**RSK-90**

with breakable feature

**HS-needles**   
1/2 circle, reverse cutting

**HS-12**

**HS-17**

**HS-19**

**HS-21**

**HS-24**

**HS-27**

**HS-30**

**HS-38**

**HS-40**

**HS-45**

**HS-52**

**HMR-40** taper 

**SKT-30** cutting 

**HSP-needles**  
1/2 circle, Spatula

**HSP 6**

**HSP 8**

**TSP-needles**  
3/8 circle, Spatula

**TSP 6**

**TSP 8**

**KSP-needles**  
1/4 circle, Spatula

**KSP 8**

**TSR-needle**   
3/8 circle, cutting taper

**TSR-14**

**TSR-27**

**HSG-needle**   
1/2 circle, cutting, heavy

**HSG-24**

**HSR-needles**   
1/2 circle, cutting taper

**HSR-18**

**HSR-27**

**HSR-38**


**HSR-65**


**HSRG-needles**   
1/2 circle, cutting taper, heavy

**HSRG-27**








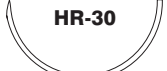

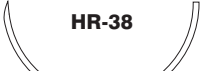


**HSRG-38**

**HSRG-45**












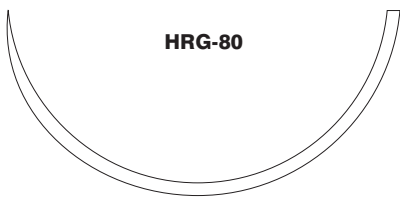
**HCS-50**   
1/2 circle, cutting, heavy  
for Sternotomy

**TCS-50**   
3/8 circle, cutting, heavy  
for Sternotomy












# AssuCryl® (PGA) braided, coated, synthetic absorbable

| Length   | Thread Colour  | Needle Code and Length in mm  | USP                                      | EP                                       | REF  |
|--|--|---|--|--|--|
|  |  | ½ circle taper (Round-Bodied)  | Suffix W: White, undyed                  |  |  |
| 75 cm<br>75 cm<br>75 cm  | undyed<br>undyed<br>undyed   | <b>HR-13</b><br>                 | 6-0<br>5-0<br>4-0                        | 0.7<br>1<br>1.5                          | 4201W<br>4202W<br>4203W  |
| 75 cm<br>75 cm<br>75 cm<br>75 cm                                     | violet<br>violet<br>violet<br>violet   | <b>HR-17</b><br>                 | 5-0<br>4-0<br>3-0<br>2-0                 | 1<br>1.5<br>2<br>3                       | 4232<br>4233<br>4234<br>4235                                     |
| 75 cm<br>75 cm   | violet<br>violet   | <b>HR-20</b><br>                 | 4-0<br>3-0                               | 1.5<br>2                                 | 42353<br>42354   |
| 75 cm<br>75 cm<br>75 cm  | violet<br>violet<br>violet   | <b>HR-22</b><br>                 | 4-0<br>3-0<br>2-0                        | 1.5<br>2<br>3                            | 4243<br>4244<br>4245   |
| 75 cm<br>75 cm<br>75 cm<br>90 cm                                     | violet<br>violet<br>violet<br>violet   | <b>HR-25</b><br>                 | 4-0<br>3-0<br>2-0<br>2-0                 | 1.5<br>2<br>3<br>3                       | 42453<br>42454<br>42455<br>42455N                                |
| 75 cm<br>75 cm<br>75 cm<br>90 cm<br>75 cm                            | violet<br>violet<br>violet<br>violet<br>violet                               | <b>HR-27</b><br>               | 4-0<br>3-0<br>2-0<br>2-0<br>0            | 1.5<br>2<br>3<br>3<br>3.5                | 4253<br>4254<br>4255<br>4255N<br>4256                            |
| 75 cm<br>75 cm<br>75 cm<br>75 cm                                     | violet<br>violet<br>violet<br>violet   | <b>HR-30</b><br>               | 3-0<br>2-0<br>0<br>1                     | 2<br>3<br>3.5<br>4                       | 42554<br>42555<br>42556<br>42557                                 |
| 75 cm<br>75 cm<br>75 cm<br>75 cm                                     | violet<br>violet<br>violet<br>violet   | <b>HR-35</b><br>               | 3-0<br>2-0<br>0<br>1                     | 2<br>3<br>3.5<br>4                       | 42654<br>42655<br>42656<br>42657                                 |
| 75 cm<br>75 cm<br>75 cm<br>90 cm<br>90 cm<br>75 cm                   | violet<br>violet<br>violet<br>violet<br>violet<br>violet                     | <b>HR-38</b><br>               | 3-0<br>2-0<br>0<br>0<br>1<br>2           | 2<br>3<br>3.5<br>3.5<br>4<br>5           | 4274<br>4275<br>4276<br>4276N<br>4277N<br>4278                   |
| 75 cm<br>90 cm<br>75 cm<br>90 cm<br>75 cm<br>90 cm<br>75 cm<br>90 cm | violet<br>violet<br>violet<br>violet<br>violet<br>violet<br>violet<br>violet | <b>HR-40</b><br>               | 2-0<br>2-0<br>0<br>0<br>1<br>1<br>2<br>2 | 3<br>3<br>3.5<br>3.5<br>4<br>4<br>5<br>5 | 4285<br>4285N<br>4286<br>4286N<br>4287<br>4287N<br>4288<br>4288N |
| 75 cm<br>90 cm<br>75 cm<br>90 cm<br>75 cm<br>90 cm                   | violet<br>violet<br>violet<br>violet<br>violet<br>violet                     | <b>HR-45</b><br>               | 0<br>0<br>1<br>1<br>2<br>2               | 3.5<br>3.5<br>4<br>4<br>5<br>5           | 42856<br>42856N<br>42857<br>42857N<br>42858<br>42858N            |















# AssuCryl® (PGA) braided, coated, synthetic absorbable

| Length | Thread Colour | Needle Code and Length in mm   | USP   | EP    | REF    |
|--------|---------------|--|-------|-------|--------|
|        |               | ½ circle taper (Round-Bodied)         |       |       |        |
| 75 cm  | violet        |  <p><b>HR-50</b></p>                    | 2 - 0 | 3     | 4295   |
| 75 cm  | violet        |  | 0     | 3.5   | 4296   |
| 90 cm  | violet        |  | 0     | 3.5   | 4296N  |
| 75 cm  | violet        |  | 1     | 4     | 4297   |
| 90 cm  | violet        |  | 1     | 4     | 4297N  |
| 75 cm  | violet        |  | 2     | 5     | 4298   |
| 90 cm  | violet        | 2  | 5     | 4298N |        |
| 75 cm  | violet        |  <p><b>HR-65</b></p>                    | 2 - 0 | 3     | 42985  |
| 75 cm  | violet        |  | 0     | 3.5   | 42986  |
| 75 cm  | violet        |  | 1     | 4     | 42987  |
|        |               | ½ circle taper (Round-Bodied), heavy  |       |       |        |
| 75 cm  | violet        |  <p><b>HRG-27</b></p>                   | 3 - 0 | 2     | 4334   |
| 75 cm  | violet        |  | 2 - 0 | 3     | 4335   |
| 75 cm  | violet        |  | 0     | 3.5   | 4336   |
| 75 cm  | violet        |  | 1     | 4     | 4337   |
| 75 cm  | violet        |  <p><b>HRG-30</b></p>                  | 2 - 0 | 3     | 43325  |
| 75 cm  | violet        |  | 0     | 3.5   | 43326  |
| 75 cm  | violet        |  | 1     | 4     | 43327  |
| 75 cm  | violet        |  <p><b>HRG-35</b></p>                 | 2 - 0 | 3     | 43365  |
| 75 cm  | violet        |  | 0     | 3.5   | 43366  |
| 90 cm  | violet        |  | 0     | 3.5   | 43366N |
| 90 cm  | violet        |  | 1     | 4     | 43367N |
| 75 cm  | violet        |  <p><b>HRG-38</b></p>                 | 2 - 0 | 3     | 4345   |
| 90 cm  | violet        |  | 2 - 0 | 3     | 4345N  |
| 75 cm  | violet        |  | 0     | 3.5   | 4346   |
| 90 cm  | violet        |  | 0     | 3.5   | 4346N  |
| 75 cm  | violet        |  | 1     | 4     | 4347   |
| 90 cm  | violet        |  | 1     | 4     | 4347N  |
| 75 cm  | violet        |  | 2     | 5     | 4348   |
| 90 cm  | violet        |  | 2     | 5     | 4348N  |
| 75 cm  | violet        |  <p><b>HRG-40</b></p>                 | 0     | 3.5   | 43416  |
| 90 cm  | violet        |  | 0     | 3.5   | 43416N |
| 75 cm  | violet        |  | 1     | 4     | 43417  |
| 90 cm  | violet        |  | 1     | 4     | 43417N |
| 75 cm  | violet        |  | 2     | 5     | 43418  |
| 90 cm  | violet        |  | 2     | 5     | 43418N |
| 75 cm  | violet        |  <p><b>HRG-45</b></p>                 | 0     | 3.5   | 43426  |
| 75 cm  | violet        |  | 1     | 4     | 43427  |
| 75 cm  | violet        |  | 2     | 5     | 43428  |
| 75 cm  | violet        |  <p><b>HRG-50</b></p>                 | 0     | 3.5   | 43436  |
| 90 cm  | violet        |  | 0     | 3.5   | 43436N |
| 75 cm  | violet        |  | 1     | 4     | 43437  |
| 90 cm  | violet        |  | 1     | 4     | 43437N |
| 75 cm  | violet        |  | 2     | 5     | 43438  |
| 90 cm  | violet        |  | 2     | 5     | 43438N |
| 90 cm  | violet        |  <p><b>HRG-80</b></p>                 | 1     | 4     | 43487N |
| 100 cm | violet        |  | 1     | 4     | 43487H |







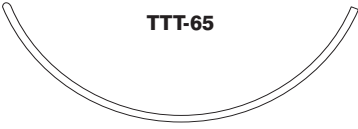





# AssuCryl® (PGA) braided, coated, synthetic absorbable

| Length | Thread Colour | Needle Code and Length in mm   | USP   | EP  | REF    |
|--------|---------------|--|-------|-----|--------|
|        |               | ½ circle reverse cutting  |       |     |        |
| 45 cm  | violet        | <b>HS-17</b><br>            | 5 - 0 | 1   | 4672F  |
| 75 cm  | violet        |  | 4 - 0 | 1.5 | 4673   |
| 45 cm  | violet        |  | 4 - 0 | 1.5 | 4673F  |
| 45 cm  | undyed        |  | 4 - 0 | 1.5 | 4673WF |
| 45 cm  | violet        |  | 3 - 0 | 2   | 4674F  |
| 45 cm  | violet        |  | 2 - 0 | 3   | 4675F  |
| 45 cm  | violet        | <b>HS-21</b><br>            | 4 - 0 | 1.5 | 46843F |
| 45 cm  | violet        |  | 3 - 0 | 2   | 46844F |
| 75 cm  | violet        | <b>HS-24</b><br>            | 3 - 0 | 2   | 4694   |
| 75 cm  | violet        |  | 2 - 0 | 3   | 4695   |
| 75 cm  | violet        | <b>HS-27</b><br>            | 3 - 0 | 2   | 4704   |
| 75 cm  | violet        |  | 2 - 0 | 3   | 4705   |
| 75 cm  | violet        |  | 0     | 3.5 | 4706   |
| 75 cm  | violet        | <b>HS-30</b><br>           | 2 - 0 | 3   | 4715   |
| 75 cm  | violet        |  | 0     | 3.5 | 4716   |
| 75 cm  | violet        |  | 1     | 4   | 4717   |
| 75 cm  | violet        | <b>HS-35</b><br>          | 2 - 0 | 3   | 47015  |
| 75 cm  | violet        |  | 0     | 3.5 | 47016  |
| 75 cm  | violet        |  | 1     | 4   | 47017  |
| 75 cm  | violet        | <b>HS-40</b><br>          | 0     | 3.5 | 4736   |
| 75 cm  | violet        |  | 1     | 4   | 4737   |
| 75 cm  | violet        |  | 2     | 5   | 4738   |
| 75 cm  | violet        | <b>HS-45</b><br>          | 0     | 3.5 | 47326  |
| 75 cm  | violet        |  | 1     | 4   | 47327  |
| 75 cm  | violet        |  | 2     | 5   | 47328  |
| 90 cm  | violet        | <b>HS-48</b><br>          | 1     | 4   | 47347N |
| 90 cm  | violet        |  | 2     | 5   | 47348N |
| 75 cm  | violet        | <b>HS-52</b><br>          | 0     | 3.5 | 4746   |
| 90 cm  | violet        |  | 0     | 3.5 | 4746N  |
| 75 cm  | violet        |  | 1     | 4   | 4747   |
| 90 cm  | violet        |  | 1     | 4   | 4747N  |
| 75 cm  | violet        |  | 2     | 5   | 4748   |
| 90 cm  | violet        |  | 2     | 5   | 4748N  |
|        |               |  |       |     |        |






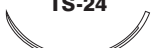












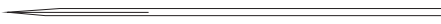
# AssuCryl® (PGA) braided, coated, synthetic absorbable

| Length | Thread Colour | Needle Code and Length in mm   | USP   | EP  | REF    |
|--------|---------------|--|-------|-----|--------|
|        |               | ½ circle cutting taper            |       |     |        |
| 75 cm  | violet        | <b>HSR-18</b><br>                   | 5 - 0 | 1   | 4362   |
| 75 cm  | violet        |  | 4 - 0 | 1.5 | 4363   |
| 75 cm  | violet        |  | 3 - 0 | 2   | 4364   |
| 75 cm  | violet        |  | 2 - 0 | 3   | 4365   |
| 75 cm  | violet        | <b>HSR-22</b><br>                   | 3 - 0 | 2   | 43624  |
| 75 cm  | violet        |  | 2 - 0 | 3   | 43625  |
| 75 cm  | violet        | <b>HSR-25</b><br>                   | 4 - 0 | 1.5 | 43663  |
| 75 cm  | violet        |  | 3 - 0 | 2   | 43664  |
| 75 cm  | violet        |  | 2 - 0 | 3   | 43665  |
| 75 cm  | violet        | <b>HSR-27</b><br>                   | 3 - 0 | 2   | 4374   |
| 75 cm  | violet        |  | 2 - 0 | 3   | 4375   |
| 75 cm  | violet        |  | 0     | 3.5 | 4376   |
| 75 cm  | violet        |  | 1     | 4   | 4377   |
| 75 cm  | violet        | <b>HSR-30</b><br>                   | 3 - 0 | 2   | 43784  |
| 75 cm  | violet        |  | 2 - 0 | 3   | 43785  |
| 75 cm  | violet        |  | 0     | 3.5 | 43786  |
| 75 cm  | violet        | <b>HSR-35</b><br>                 | 0     | 3.5 | 43796  |
| 75 cm  | violet        |  | 1     | 4   | 43797  |
| 75 cm  | violet        |  | 2     | 5   | 43798  |
| 75 cm  | violet        | <b>HSR-38</b><br>                 | 2 - 0 | 3   | 4385   |
| 90 cm  | violet        |  | 2 - 0 | 3   | 4385N  |
| 75 cm  | violet        |  | 0     | 3.5 | 4386   |
| 90 cm  | violet        |  | 0     | 3.5 | 4386N  |
|        |               | ½ circle cutting taper , heavy  |       |     |        |
| 75 cm  | violet        | <b>HSRG-27</b><br>                | 2 - 0 | 3   | 43755  |
| 75 cm  | violet        |  | 0     | 3.5 | 43756  |
| 75 cm  | violet        |  | 1     | 4   | 43757  |
| 75 cm  | violet        | <b>HSRG-35</b><br>                | 1     | 4   | 43807  |
| 90 cm  | violet        |  | 1     | 4   | 43807N |
| 75 cm  | violet        |  | 2     | 5   | 43808  |
| 75 cm  | violet        | <b>HSRG-38</b><br>                | 0     | 3.5 | 43856  |
| 90 cm  | violet        |  | 0     | 3.5 | 43856N |
| 75 cm  | violet        |  | 1     | 4   | 43857  |
| 90 cm  | violet        |  | 1     | 4   | 43857N |
| 75 cm  | violet        |  | 2     | 5   | 43858  |
| 90 cm  | violet        |  | 2     | 5   | 43858N |
| 75 cm  | violet        | <b>HSRG-40</b><br>                | 1     | 4   | 43867  |
| 75 cm  | violet        |  | 2     | 5   | 43868  |
| 75 cm  | undyed        |  | 1     | 4   | 43867W |
| 75 cm  | undyed        |  | 2     | 5   | 43868W |
| 75 cm  | violet        | <b>HSRG-45</b><br>                | 2 - 0 | 3   | 43955  |
| 75 cm  | violet        |  | 0     | 3.5 | 43956  |
| 75 cm  | violet        |  | 1     | 4   | 43957  |
| 75 cm  | violet        |  | 2     | 5   | 43958  |

# AssuCryl® (PGA) braided, coated, synthetic absorbable

| Length                   | Thread Colour              | Needle Code and Length in mm  | USP                     | EP              | REF                      |
|--------------------------|----------------------------|---|-------------------------|-----------------|--------------------------|
|                          |                            | 3/8 circle taper (Round-Bodied)    |                         |                 |                          |
| 45 cm<br>45 cm<br>75 cm  | violet<br>violet<br>violet | <b>TR-13</b><br>                     | 5 - 0<br>4 - 0<br>4 - 0 | 1<br>1.5<br>1.5 | 4422F<br>4423F<br>4423   |
| 75 cm<br>75 cm<br>75 cm  | violet<br>violet<br>violet | <b>TR-17</b><br>                     | 5 - 0<br>4 - 0<br>3 - 0 | 1<br>1.5<br>2   | 4432<br>4433<br>4434     |
| 75 cm                    | violet                     | <b>TR-30</b><br>                     | 2 - 0                   | 3               | 44555                    |
| 75 cm                    | violet                     | <b>TR-50</b><br>                     | 1                       | 4               | 44757                    |
|                          |                            | 3/8 circle, blunt point            |                         |                 |                          |
| 75 cm<br>100 cm          | violet<br>violet           | <b>TTT-65</b><br>                  | 1<br>1                  | 4<br>4          | 46427<br>46427H          |
| 75 cm<br>100 cm<br>75 cm | violet<br>violet<br>violet | <b>TTT-85</b><br>                 | 1<br>1<br>2             | 4<br>4<br>5     | 46467<br>46467H<br>46468 |
|                          |                            | 5/8 circle taper (Round-Bodied)  |                         |                 |                          |
| 75 cm                    | violet                     | <b>FR-27</b><br>                   | 2 - 0                   | 3               | 4905                     |
| 75 cm                    | violet                     | <b>FR-38</b><br>                   | 2 - 0                   | 3               | 4925                     |
| 75 cm                    | violet                     | <b>FR-40</b><br>                   | 0                       | 3.5             | 4936                     |







# AssuCryl® (PGA) braided, coated, synthetic absorbable

| Length | Thread Colour | Needle Code and Length in mm   | USP   | EP    | REF     |
|--------|---------------|--|---|-------|---------|
|        |               | 3/8 circle, reverse cutting                     | Suffix W: White, undyed   |       |         |
| 45 cm  | undyed        | <b>TS-12</b><br>                                  | 6 - 0   | 0.7   | 4521WF  |
| 45 cm  | undyed        |  | 5 - 0   | 1     | 4522WF  |
| 45 cm  | undyed        |  | 4 - 0   | 1.5   | 4523WF  |
| 75 cm  | violet        | <b>TS-15</b><br>                                  | 6 - 0   | 0.7   | 4531    |
| 75 cm  | violet        |  | 5 - 0   | 1     | 4532    |
| 75 cm  | violet        |  | 4 - 0   | 1.5   | 4533    |
| 45 cm  | undyed        |  | 6 - 0   | 0.7   | 4531WF  |
| 45 cm  | undyed        |  | 5 - 0   | 1     | 4532WF  |
| 45 cm  | undyed        |  | 4 - 0   | 1.5   | 4533WF  |
| 45 cm  | undyed        |  | 4 - 0   | 1     | 4542WF  |
| 75 cm  | undyed        | <b>TS-17</b><br>                                  | 5 - 0   | 1     | 4542W   |
| 45 cm  | undyed        |  | 4 - 0   | 1.5   | 4543WF  |
| 75 cm  | undyed        |  | 4 - 0   | 1.5   | 4543W   |
| 45 cm  | undyed        |  | 3 - 0   | 2     | 4544WF  |
| 75 cm  | undyed        |  | 3 - 0   | 2     | 4544W   |
| 45 cm  | undyed        |  | <b>TS-19</b><br>   | 4 - 0 | 1.5     |
| 45 cm  | undyed        | 3 - 0  |   | 2     | 4554WF  |
| 75 cm  | violet        | 4 - 0  |   | 1.5   | 4553    |
| 75 cm  | violet        | 3 - 0  |   | 2     | 4554    |
| 75 cm  | undyed        | <b>TS-24</b><br>                                  | 4 - 0   | 1.5   | 4563W   |
| 75 cm  | undyed        |  | 3 - 0   | 2     | 4564W   |
| 75 cm  | undyed        |  | 2 - 0   | 3     | 4565W   |
| 75 cm  | violet        |  | 4 - 0   | 1.5   | 4563    |
| 75 cm  | violet        |  | 3 - 0   | 2     | 4564    |
| 75 cm  | violet        |  | 2 - 0   | 3     | 4565    |
| 75 cm  | undyed        |  | <b>TS-27</b><br> | 4 - 0 | 1.5     |
| 75 cm  | undyed        | 3 - 0  |   | 2     | 4574W   |
| 75 cm  | undyed        | 2 - 0  |   | 3     | 4575W   |
| 75 cm  | violet        | 3 - 0  |   | 2     | 4574    |
| 75 cm  | violet        | 2 - 0  |   | 3     | 4575    |
| 75 cm  | undyed        | <b>TS-30</b><br>                                | 3 - 0   | 2     | 4584W   |
| 75 cm  | undyed        |  | 2 - 0   | 3     | 4585W   |
| 75 cm  | violet        |  | 3 - 0   | 2     | 4584    |
| 75 cm  | violet        |  | 2 - 0   | 3     | 4585    |
| 75 cm  | violet        | <b>TS-38</b><br>                                | 3 - 0   | 2     | 4594    |
| 75 cm  | violet        |  | 2 - 0   | 3     | 4595    |
| 75 cm  | violet        |  | 0   | 3.5   | 4596    |
| 75 cm  | violet        |  | 1   | 4     | 4597    |
| 75 cm  | violet        |  | 2   | 5     | 4598    |
| 75 cm  | violet        | <b>TS-45</b><br>                                | 2 - 0   | 3     | 4605    |
| 75 cm  | violet        |  | 0   | 3.5   | 4606    |
| 75 cm  | violet        |  | 1   | 4     | 4607    |
| 75 cm  | violet        |  | 2   | 5     | 4608    |
|        |               | 3/8 circle, reverse cutting, precision point  |   |       |         |
| 45 cm  | undyed        | <b>TS-12P</b><br>                               | 6 - 0   | 0.7   | 45201WF |
| 45 cm  | undyed        |  | 5 - 0   | 1     | 45202WF |
| 45 cm  | undyed        | <b>TS-15P</b><br>                               | 5 - 0   | 1     | 45302WF |
| 45 cm  | undyed        |  | 4 - 0   | 1.5   | 45303WF |
| 45 cm  | undyed        |  | 3 - 0   | 2     | 45304WF |
| 45 cm  | undyed        | <b>TS-19P</b><br>                               | 5 - 0   | 1     | 45502WF |
| 45 cm  | undyed        |  | 4 - 0   | 1.5   | 45503WF |
| 45 cm  | undyed        |  | 3 - 0   | 2     | 45504WF |
| 45 cm  | undyed        | <b>TS-24P</b><br>                               | 4 - 0   | 1.5   | 45603WF |
| 45 cm  | undyed        |  | 3 - 0   | 2     | 45604WF |
| 45 cm  | undyed        |  | 2 - 0   | 3     | 45605WF |
| 45 cm  | undyed        | <b>TS-27P</b><br>                               | 4 - 0   | 1.5   | 45703WF |
| 45 cm  | undyed        |  | 3 - 0   | 2     | 45704WF |
| 45 cm  | undyed        |  | 2 - 0   | 3     | 45705WF |
|        |               | straight cutting                              |   |       |         |
| 45 cm  | undyed        | <b>RS-45</b><br>                                | 4 - 0   | 1.5   | 4823WF  |
| 75 cm  | undyed        | <b>RS-58</b><br>                               | 3 - 0   | 2     | 4844W   |
| 75 cm  | undyed        |  | 2 - 0   | 3     | 4845W   |
| 75 cm  | violet        |  | 3 - 0   | 2     | 4844    |
| 75 cm  | violet        |  | 2 - 0   | 3     | 4845    |

# AssuCryl® (PGA) braided, coated, synthetic absorbable










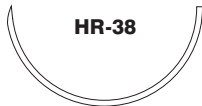


| Number of Strands x Length                    | Thread Colour | USP   | EP  | REF    |
|---|---------------|-------|-----|--------|
| <b>Pre-cut sutures without needle</b>         |               |       |     |        |
| 1 x 140 cm                                    | violet        | 5 - 0 | 1   | 40052  |
| 1 x 140 cm                                    | violet        | 4 - 0 | 1.5 | 40053  |
| 1 x 140 cm                                    | violet        | 3 - 0 | 2   | 40054  |
| 1 x 140 cm                                    | violet        | 2 - 0 | 3   | 40055  |
| 1 x 140 cm                                    | violet        | 0     | 3.5 | 40056  |
| 1 x 140 cm                                    | violet        | 1     | 4   | 40057  |
| 1 x 140 cm                                    | violet        | 2     | 5   | 40058  |
| 1 x 150 cm                                    | violet        | 5 - 0 | 1   | 40032  |
| 1 x 150 cm                                    | violet        | 4 - 0 | 1.5 | 40033  |
| 1 x 150 cm                                    | violet        | 3 - 0 | 2   | 40034  |
| 1 x 150 cm                                    | violet        | 2 - 0 | 3   | 40035  |
| 1 x 150 cm                                    | violet        | 0     | 3.5 | 40036  |
| 1 x 150 cm                                    | violet        | 1     | 4   | 40037  |
| 1 x 150 cm                                    | violet        | 2     | 5   | 40038  |
| 6 x 45 cm                                     | violet        | 4 - 0 | 1.5 | 40093  |
| 6 x 45 cm                                     | violet        | 3 - 0 | 2   | 40094  |
| 6 x 45 cm                                     | violet        | 2 - 0 | 3   | 40095  |
| 6 x 45 cm                                     | violet        | 0     | 3.5 | 40096  |
| 6 x 45 cm                                     | violet        | 1     | 4   | 40097  |
| 12 x 45 cm                                    | violet        | 4 - 0 | 1.5 | 40523  |
| 12 x 45 cm                                    | violet        | 3 - 0 | 2   | 40524  |
| 12 x 45 cm                                    | violet        | 2 - 0 | 3   | 40525  |
| 12 x 45 cm                                    | violet        | 0     | 3.5 | 40526  |
| 12 x 45 cm                                    | violet        | 1     | 4   | 40527  |
| <b>Pre-cut sutures without needle on reel</b> |               |       |     |        |
| 1 x 150 cm                                    | violet        | 5 - 0 | 1   | B40032 |
| 1 x 150 cm                                    | violet        | 4 - 0 | 1.5 | B40033 |
| 1 x 150 cm                                    | violet        | 3 - 0 | 2   | B40034 |
| 1 x 150 cm                                    | violet        | 2 - 0 | 3   | B40035 |
| 1 x 150 cm                                    | violet        | 0     | 3.5 | B40036 |
| 1 x 150 cm                                    | violet        | 1     | 4   | B40037 |
| 1 x 150 cm                                    | violet        | 2     | 5   | B40038 |
| 1 x 250 cm                                    | violet        | 5 - 0 | 1   | B4092  |
| 1 x 250 cm                                    | violet        | 4 - 0 | 1.5 | B4093  |
| 1 x 250 cm                                    | violet        | 3 - 0 | 2   | B4094  |
| 1 x 250 cm                                    | violet        | 2 - 0 | 3   | B4095  |
| 1 x 250 cm                                    | violet        | 0     | 3.5 | B4096  |
| 1 x 250 cm                                    | violet        | 1     | 4   | B4097  |
| 1 x 250 cm                                    | violet        | 2     | 5   | B4098  |

## Ophthalmic sutures













| Length                                    | Thread Colour                                  | Needle Code and Length in mm  | USP  | EP                            | REF  |
|---|--|---|--|-------------------------------|--|
| 30 cm<br>45 cm                            | violet<br>violet                               |  <p style="text-align: center;"><b>2 x TSP 6</b></p>  <p style="text-align: center;"><b>Curved, 6,2 mm long, spatula, 150 microns, double-armed</b></p> | 8 - 0<br>8 - 0   | 0.4<br>0.4                    | 484568<br>484588                               |
| 30 cm<br>45 cm<br>45 cm<br>30 cm          | violet<br>violet<br>violet<br>violet           |  <p style="text-align: center;"><b>2 x TSP 7</b></p>  <p style="text-align: center;"><b>Curved, 6,4 mm long, spatula, 200 microns, double-armed</b></p> | 8 - 0<br>8 - 0<br>7 - 0<br>7 - 0   | 0.4<br>0.4<br>0.5<br>0.5      | 486668<br>486688<br>486687<br>486667           |
| 45 cm<br>45 cm<br>45 cm<br>45 cm<br>45 cm | violet<br>violet<br>violet<br>violet<br>violet |  <p style="text-align: center;"><b>2 x KSP 8</b></p>  <p style="text-align: center;"><b>1/4 circle, 8mm long, spatula, double-armed</b></p>             | 200 Mi 7 - 0<br>230 Mi 7 - 0<br>300 Mi 6 - 0<br>350 Mi 6 - 0<br>350 Mi 5 - 0 | 0.5<br>0.5<br>0.7<br>0.7<br>1 | 432687<br>432787<br>432986<br>432086<br>432085 |






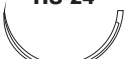







# AssuCryl® Lactin (PGLA) braided, coated, synthetic absorbable

| Length   | Thread Colour  | Needle Code and Length in mm   | USP                                      | EP                                       | REF  |
|--|--|--|--|--|--|
|  |  | ½ circle taper (Round-Bodied)  | Suffix W: White, undyed                  |  |  |
| 75 cm<br>75 cm<br>75 cm  | undyed<br>undyed<br>undyed   | <b>HR-13</b><br>                | 6-0<br>5-0<br>4-0                        | 0.7<br>1<br>1.5                          | L4201W<br>L4202W<br>L4203W   |
| 75 cm<br>75 cm<br>75 cm<br>75 cm                                     | violet<br>violet<br>violet<br>violet   | <b>HR-17</b><br>                | 5-0<br>4-0<br>3-0<br>2-0                 | 1<br>1.5<br>2<br>3                       | L4232<br>L4233<br>L4234<br>L4235   |
| 75 cm<br>75 cm   | violet<br>violet   | <b>HR-20</b><br>                | 4-0<br>3-0                               | 1.5<br>2                                 | L42353<br>L42354   |
| 75 cm<br>75 cm<br>75 cm  | violet<br>violet<br>violet   | <b>HR-22</b><br>                | 4-0<br>3-0<br>2-0                        | 1.5<br>2<br>3                            | L4243<br>L4244<br>L4245  |
| 75 cm<br>75 cm<br>75 cm<br>90 cm                                     | violet<br>violet<br>violet<br>violet   | <b>HR-25</b><br>                | 4-0<br>3-0<br>2-0<br>2-0                 | 1.5<br>2<br>3<br>3                       | L42453<br>L42454<br>L42455<br>L42455N                                    |
| 75 cm<br>75 cm<br>75 cm<br>90 cm<br>75 cm                            | violet<br>violet<br>violet<br>violet<br>violet                               | <b>HR-27</b><br>              | 4-0<br>3-0<br>2-0<br>2-0<br>0            | 1.5<br>2<br>3<br>3<br>3.5                | L4253<br>L4254<br>L4255<br>L4255N<br>L4256                               |
| 75 cm<br>75 cm<br>75 cm<br>75 cm                                     | violet<br>violet<br>violet<br>violet   | <b>HR-30</b><br>              | 3-0<br>2-0<br>0<br>1                     | 2<br>3<br>3.5<br>4                       | L42554<br>L42555<br>L42556<br>L42557                                     |
| 75 cm<br>75 cm<br>75 cm<br>75 cm                                     | violet<br>violet<br>violet<br>violet   | <b>HR-35</b><br>              | 3-0<br>2-0<br>0<br>1                     | 2<br>3<br>3.5<br>4                       | L42654<br>L42655<br>L42656<br>L42657                                     |
| 75 cm<br>75 cm<br>75 cm<br>90 cm<br>90 cm<br>75 cm                   | violet<br>violet<br>violet<br>violet<br>violet<br>violet                     | <b>HR-38</b><br>              | 3-0<br>2-0<br>0<br>0<br>1<br>2           | 2<br>3<br>3.5<br>3.5<br>4<br>5           | L4274<br>L4275<br>L4276<br>L4276N<br>L4277N<br>L4278                     |
| 75 cm<br>90 cm<br>75 cm<br>90 cm<br>75 cm<br>90 cm<br>75 cm<br>90 cm | violet<br>violet<br>violet<br>violet<br>violet<br>violet<br>violet<br>violet | <b>HR-40</b><br>              | 2-0<br>2-0<br>0<br>0<br>1<br>1<br>2<br>2 | 3<br>3<br>3.5<br>3.5<br>4<br>4<br>5<br>5 | L4285<br>L4285N<br>L4286<br>L4286N<br>L4287<br>L4287N<br>L4288<br>L4288N |
| 75 cm<br>90 cm<br>75 cm<br>90 cm<br>75 cm<br>90 cm                   | violet<br>violet<br>violet<br>violet<br>violet<br>violet                     | <b>HR-45</b><br>              | 0<br>0<br>1<br>1<br>2<br>2               | 3.5<br>3.5<br>4<br>4<br>5<br>5           | L42856<br>L42856N<br>L42857<br>L42857N<br>L42858<br>L42858N              |















# AssuCryl® Lactin (PGLA) braided, coated, synthetic absorbable

| Length  | Thread Colour  | Needle Code and Length in mm   | USP  | EP                                       | REF  |
|---|--|--|--|--|--|
|   |  | ½ circle taper (Round-Bodied)         |  |  |  |
| 75 cm<br>75 cm<br>90 cm<br>75 cm<br>90 cm<br>75 cm<br>90 cm                   | violet<br>violet<br>violet<br>violet<br>violet<br>violet<br>violet           | <br><b>HR-50</b>                        | 2 - 0<br>0<br>0<br>1<br>1<br>2<br>2          | 3<br>3.5<br>3.5<br>4<br>4<br>5<br>5      | L4295<br>L4296<br>L4296N<br>L4297<br>L4297N<br>L4298<br>L4298N           |
| 75 cm<br>75 cm<br>75 cm   | violet<br>violet<br>violet   | <br><b>HR-65</b>                        | 2 - 0<br>0<br>1                              | 3<br>3.5<br>4                            | L42985<br>L42986<br>L42987   |
|   |  | ½ circle taper (Round-Bodied), heavy  |  |  |  |
| 75 cm<br>75 cm<br>75 cm<br>75 cm  | violet<br>violet<br>violet<br>violet   | <br><b>HRG-27</b>                       | 3 - 0<br>2 - 0<br>0<br>1                     | 2<br>3<br>3.5<br>4                       | L4334<br>L4335<br>L4336<br>L4337   |
| 75 cm<br>75 cm<br>75 cm   | violet<br>violet<br>violet   | <br><b>HRG-30</b>                      | 2 - 0<br>0<br>1                              | 3<br>3.5<br>4                            | L43325<br>L43326<br>L43327   |
| 75 cm<br>75 cm<br>90 cm<br>90 cm  | violet<br>violet<br>violet<br>violet   | <br><b>HRG-35</b>                     | 2 - 0<br>0<br>0<br>1                         | 3<br>3.5<br>3.5<br>4                     | L43365<br>L43366<br>L43366N<br>L43367N                                   |
| 75 cm<br>90 cm<br>75 cm<br>90 cm<br>90 cm<br>75 cm<br>90 cm<br>75 cm<br>90 cm | violet<br>violet<br>violet<br>violet<br>violet<br>violet<br>violet<br>violet | <br><b>HRG-38</b>                     | 2 - 0<br>2 - 0<br>0<br>0<br>1<br>1<br>2<br>2 | 3<br>3<br>3.5<br>3.5<br>4<br>4<br>5<br>5 | L4345<br>L4345N<br>L4346<br>L4346N<br>L4347<br>L4347N<br>L4348<br>L4348N |
| 75 cm<br>90 cm<br>75 cm<br>90 cm<br>75 cm<br>90 cm                            | violet<br>violet<br>violet<br>violet<br>violet<br>violet                     | <br><b>HRG-40</b>                     | 0<br>0<br>1<br>1<br>2<br>2                   | 3.5<br>3.5<br>4<br>4<br>5<br>5           | L43416<br>L43416N<br>L43417<br>L43417N<br>L43418<br>L43418N              |
| 75 cm<br>75 cm<br>75 cm   | violet<br>violet<br>violet   | <br><b>HRG-45</b>                     | 0<br>1<br>2                                  | 3.5<br>4<br>5                            | L43426<br>L43427<br>L43428   |
| 75 cm<br>90 cm<br>75 cm<br>90 cm<br>75 cm<br>90 cm                            | violet<br>violet<br>violet<br>violet<br>violet<br>violet                     | <br><b>HRG-50</b>                     | 0<br>0<br>1<br>1<br>2<br>2                   | 3.5<br>3.5<br>4<br>4<br>5<br>5           | L43436<br>L43436N<br>L43437<br>L43437N<br>L43438<br>L43438N              |
| 90 cm<br>100 cm   | violet<br>violet   | <br><b>HRG-80</b>                    | 1<br>1                                       | 4<br>4                                   | L43487N<br>L43487H   |







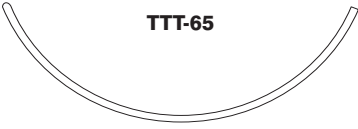





# AssuCryl® Lactin (PGLA) braided, coated, synthetic absorbable

| Length   | Thread Colour  | Needle Code and Length in mm   | USP  | EP                               | REF  |
|--|--|--|--|----------------------------------|--|
|  |  | ½ circle reverse cutting  |  |                                  |  |
| 45 cm<br>75 cm<br>45 cm<br>45 cm<br>45 cm<br>45 cm | violet<br>violet<br>violet<br>undyed<br>violet<br>violet | <b>HS-17</b><br>            | 5 - 0<br>4 - 0<br>4 - 0<br>4 - 0<br>3 - 0<br>2 - 0 | 1<br>1.5<br>1.5<br>1.5<br>2<br>3 | L4672F<br>L4673<br>L4673F<br>L4673WF<br>L4674F<br>L4675F |
| 45 cm<br>45 cm                                     | violet<br>violet   | <b>HS-21</b><br>            | 4 - 0<br>3 - 0                                     | 1.5<br>2                         | L46843F<br>L46844F                                       |
| 75 cm<br>75 cm                                     | violet<br>violet   | <b>HS-24</b><br>            | 3 - 0<br>2 - 0                                     | 2<br>3                           | L4694<br>L4695   |
| 75 cm<br>75 cm<br>75 cm                            | violet<br>violet<br>violet                               | <b>HS-27</b><br>            | 3 - 0<br>2 - 0<br>0                                | 2<br>3<br>3.5                    | L4704<br>L4705<br>L4706                                  |
| 75 cm<br>75 cm<br>75 cm                            | violet<br>violet<br>violet                               | <b>HS-30</b><br>           | 2 - 0<br>0<br>1                                    | 3<br>3.5<br>4                    | L4715<br>L4716<br>L4717                                  |
| 75 cm<br>75 cm<br>75 cm                            | violet<br>violet<br>violet                               | <b>HS-35</b><br>          | 2 - 0<br>0<br>1                                    | 3<br>3.5<br>4                    | L47015<br>L47016<br>L47017                               |
| 75 cm<br>75 cm<br>75 cm                            | violet<br>violet<br>violet                               | <b>HS-40</b><br>          | 0<br>1<br>2  | 3.5<br>4<br>5                    | L4736<br>L4737<br>L4738                                  |
| 75 cm<br>75 cm<br>75 cm                            | violet<br>violet<br>violet                               | <b>HS-45</b><br>          | 0<br>1<br>2  | 3.5<br>4<br>5                    | L47326<br>L47327<br>L47328                               |
| 90 cm<br>90 cm                                     | violet<br>violet   | <b>HS-48</b><br>          | 1<br>2   | 4<br>5                           | L47347N<br>L47348N                                       |
| 75 cm<br>90 cm<br>75 cm<br>90 cm<br>75 cm<br>90 cm | violet<br>violet<br>violet<br>violet<br>violet<br>violet | <b>HS-52</b><br>          | 0<br>0<br>1<br>1<br>2<br>2                         | 3.5<br>3.5<br>4<br>4<br>5<br>5   | L4746<br>L4746N<br>L4747<br>L4747N<br>L4748<br>L4748N    |
|  |  |  |  |                                  |  |
















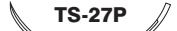



# AssuCryl® Lactin (PGLA) braided, coated, synthetic absorbable

| Length | Thread Colour | Needle Code and Length in mm   | USP   | EP  | REF     |
|--------|---------------|--|-------|-----|---------|
|        |               | ½ circle cutting taper            |       |     |         |
| 75 cm  | violet        | <b>HSR-18</b><br>                   | 5 - 0 | 1   | L4362   |
| 75 cm  | violet        |  | 4 - 0 | 1.5 | L4363   |
| 75 cm  | violet        |  | 3 - 0 | 2   | L4364   |
| 75 cm  | violet        |  | 2 - 0 | 3   | L4365   |
| 75 cm  | violet        | <b>HSR-22</b><br>                   | 3 - 0 | 2   | L43624  |
| 75 cm  | violet        |  | 2 - 0 | 3   | L43625  |
| 75 cm  | violet        | <b>HSR-25</b><br>                   | 4 - 0 | 1.5 | L43663  |
| 75 cm  | violet        |  | 3 - 0 | 2   | L43664  |
| 75 cm  | violet        |  | 2 - 0 | 3   | L43665  |
| 75 cm  | violet        | <b>HSR-27</b><br>                   | 3 - 0 | 2   | L4374   |
| 75 cm  | violet        |  | 2 - 0 | 3   | L4375   |
| 75 cm  | violet        |  | 0     | 3.5 | L4376   |
| 75 cm  | violet        |  | 1     | 4   | L4377   |
| 75 cm  | violet        | <b>HSR-30</b><br>                  | 3 - 0 | 2   | L43784  |
| 75 cm  | violet        |  | 2 - 0 | 3   | L43785  |
| 75 cm  | violet        |  | 0     | 3.5 | L43786  |
| 75 cm  | violet        | <b>HSR-35</b><br>                 | 0     | 3.5 | L43796  |
| 75 cm  | violet        |  | 1     | 4   | L43797  |
| 75 cm  | violet        |  | 2     | 5   | L43798  |
| 75 cm  | violet        | <b>HSR-38</b><br>                 | 2 - 0 | 3   | L4385   |
| 90 cm  | violet        |  | 2 - 0 | 3   | L4385N  |
| 75 cm  | violet        |  | 0     | 3.5 | L4386   |
| 90 cm  | violet        |  | 0     | 3.5 | L4386N  |
|        |               | ½ circle cutting taper , heavy  |       |     |         |
| 75 cm  | violet        | <b>HSRG-27</b><br>                | 2 - 0 | 3   | L43755  |
| 75 cm  | violet        |  | 0     | 3.5 | L43756  |
| 75 cm  | violet        |  | 1     | 4   | L43757  |
| 75 cm  | violet        | <b>HSRG-35</b><br>                | 1     | 4   | L43807  |
| 90 cm  | violet        |  | 1     | 4   | L43807N |
| 75 cm  | violet        |  | 2     | 5   | L43808  |
| 75 cm  | violet        | <b>HSRG-38</b><br>                | 0     | 3.5 | L43856  |
| 90 cm  | violet        |  | 0     | 3.5 | L43856N |
| 75 cm  | violet        |  | 1     | 4   | L43857  |
| 90 cm  | violet        |  | 1     | 4   | L43857N |
| 75 cm  | violet        |  | 2     | 5   | L43858  |
| 90 cm  | violet        |  | 2     | 5   | L43858N |
| 75 cm  | violet        | <b>HSRG-40</b><br>                | 1     | 4   | L43867  |
| 75 cm  | violet        |  | 2     | 5   | L43868  |
| 75 cm  | undyed        |  | 1     | 4   | L43867W |
| 75 cm  | undyed        |  | 2     | 5   | L43868W |
| 75 cm  | violet        | <b>HSRG-45</b><br>                | 2 - 0 | 3   | L43955  |
| 75 cm  | violet        |  | 0     | 3.5 | L43956  |
| 75 cm  | violet        |  | 1     | 4   | L43957  |
| 75 cm  | violet        |  | 2     | 5   | L43958  |

# AssuCryl® Lactin (PGLA) braided, coated, synthetic absorbable

| Length                   | Thread Colour              | Needle Code and Length in mm  | USP                     | EP              | REF                         |
|--------------------------|----------------------------|---|-------------------------|-----------------|-----------------------------|
|                          |                            | 3/8 circle taper (Round-Bodied)    |                         |                 |                             |
| 45 cm<br>45 cm<br>75 cm  | violet<br>violet<br>violet | <b>TR-13</b><br>                     | 5 - 0<br>4 - 0<br>4 - 0 | 1<br>1.5<br>1.5 | L4422F<br>L4423F<br>L4423   |
| 75 cm<br>75 cm<br>75 cm  | violet<br>violet<br>violet | <b>TR-17</b><br>                     | 5 - 0<br>4 - 0<br>3 - 0 | 1<br>1.5<br>2   | L4432<br>L4433<br>L4434     |
| 75 cm                    | violet                     | <b>TR-30</b><br>                     | 2 - 0                   | 3               | L44555                      |
| 75 cm                    | violet                     | <b>TR-50</b><br>                     | 1                       | 4               | L44757                      |
|                          |                            | 3/8 circle, blunt point            |                         |                 |                             |
| 75 cm<br>100 cm          | violet<br>violet           | <b>TTT-65</b><br>                  | 1<br>1                  | 4<br>4          | L46427<br>L46427H           |
| 75 cm<br>100 cm<br>75 cm | violet<br>violet<br>violet | <b>TTT-85</b><br>                 | 1<br>1<br>2             | 4<br>4<br>5     | L46467<br>L46467H<br>L46468 |
|                          |                            | 5/8 circle taper (Round-Bodied)  |                         |                 |                             |
| 75 cm                    | violet                     | <b>FR-27</b><br>                   | 2 - 0                   | 3               | L4905                       |
| 75 cm                    | violet                     | <b>FR-38</b><br>                   | 2 - 0                   | 3               | L4925                       |
| 75 cm                    | violet                     | <b>FR-40</b><br>                   | 0                       | 3.5             | L4936                       |



# AssuCryl® Lactin (PGLA) braided, coated, synthetic absorbable

| Length | Thread Colour | Needle Code and Length in mm   | USP                     | EP  | REF      |
|--------|---------------|--|-------------------------|-----|----------|
|        |               | 3/8 circle, reverse cutting                     | Suffix W: White, undyed |     |          |
| 45 cm  | undyed        | <b>TS-12</b><br>                                  | 6 - 0                   | 0.7 | L4521WF  |
| 45 cm  | undyed        |  | 5 - 0                   | 1   | L4522WF  |
| 45 cm  | violet        |  | 4 - 0                   | 1.5 | L4523F   |
| 75 cm  | violet        | <b>TS-15</b><br>                                  | 6 - 0                   | 0.7 | L4531    |
| 75 cm  | violet        |  | 5 - 0                   | 1   | L4532    |
| 75 cm  | violet        |  | 4 - 0                   | 1.5 | L4533    |
| 45 cm  | undyed        |  | 6 - 0                   | 0.7 | L4531WF  |
| 45 cm  | undyed        |  | 5 - 0                   | 1   | L4532WF  |
| 45 cm  | undyed        |  | 4 - 0                   | 1.5 | L4533WF  |
| 45 cm  | undyed        | <b>TS-17</b><br>                                  | 5 - 0                   | 1   | L4542WF  |
| 75 cm  | undyed        |  | 5 - 0                   | 1   | L4542W   |
| 45 cm  | undyed        |  | 4 - 0                   | 1.5 | L4543WF  |
| 75 cm  | undyed        |  | 4 - 0                   | 1.5 | L4543W   |
| 45 cm  | undyed        |  | 3 - 0                   | 2   | L4544WF  |
| 75 cm  | undyed        |  | 3 - 0                   | 2   | L4544W   |
| 45 cm  | undyed        | <b>TS-19</b><br>                                  | 4 - 0                   | 1.5 | L4553WF  |
| 45 cm  | undyed        |  | 3 - 0                   | 2   | L4554WF  |
| 75 cm  | violet        |  | 4 - 0                   | 1.5 | L4553    |
| 75 cm  | violet        |  | 3 - 0                   | 2   | L4554    |
| 75 cm  | undyed        | <b>TS-24</b><br>                                  | 4 - 0                   | 1.5 | L4563W   |
| 75 cm  | undyed        |  | 3 - 0                   | 2   | L4564W   |
| 75 cm  | undyed        |  | 2 - 0                   | 3   | L4565W   |
| 75 cm  | violet        |  | 4 - 0                   | 1.5 | L4563    |
| 75 cm  | violet        |  | 3 - 0                   | 2   | L4564    |
| 75 cm  | violet        |  | 2 - 0                   | 3   | L4565    |
| 75 cm  | undyed        | <b>TS-27</b><br>                                | 4 - 0                   | 1.5 | L4573W   |
| 75 cm  | undyed        |  | 3 - 0                   | 2   | L4574W   |
| 75 cm  | undyed        |  | 2 - 0                   | 3   | L4575W   |
| 75 cm  | violet        |  | 3 - 0                   | 2   | L4574    |
| 75 cm  | violet        |  | 2 - 0                   | 3   | L4575    |
| 75 cm  | undyed        | <b>TS-30</b><br>                                | 3 - 0                   | 2   | L4584W   |
| 75 cm  | undyed        |  | 2 - 0                   | 3   | L4585W   |
| 75 cm  | violet        |  | 3 - 0                   | 2   | L4584    |
| 75 cm  | violet        |  | 2 - 0                   | 3   | L4585    |
| 75 cm  | violet        | <b>TS-38</b><br>                                | 3 - 0                   | 2   | L4594    |
| 75 cm  | violet        |  | 2 - 0                   | 3   | L4595    |
| 75 cm  | violet        |  | 0                       | 3.5 | L4596    |
| 75 cm  | violet        |  | 1                       | 4   | L4597    |
| 75 cm  | violet        |  | 2                       | 5   | L4598    |
| 75 cm  | violet        | <b>TS-45</b><br>                                | 2 - 0                   | 3   | L4605    |
| 75 cm  | violet        |  | 0                       | 3.5 | L4606    |
| 75 cm  | violet        |  | 1                       | 4   | L4607    |
| 75 cm  | violet        |  | 2                       | 5   | L4608    |
|        |               | 3/8 circle, reverse cutting, precision point  |                         |     |          |
| 45 cm  | undyed        | <b>TS-12P</b><br>                               | 6 - 0                   | 0.7 | L45201WF |
| 45 cm  | undyed        |  | 5 - 0                   | 1   | L45202WF |
| 45 cm  | undyed        | <b>TS-15P</b><br>                               | 5 - 0                   | 1   | L45302WF |
| 45 cm  | undyed        |  | 4 - 0                   | 1.5 | L45303WF |
| 45 cm  | undyed        |  | 3 - 0                   | 2   | L45304WF |
| 45 cm  | undyed        | <b>TS-19P</b><br>                               | 5 - 0                   | 1   | L45502WF |
| 45 cm  | undyed        |  | 4 - 0                   | 1.5 | L45503WF |
| 45 cm  | undyed        |  | 3 - 0                   | 2   | L45504WF |
| 45 cm  | undyed        | <b>TS-24P</b><br>                               | 4 - 0                   | 1.5 | L45603WF |
| 45 cm  | undyed        |  | 3 - 0                   | 2   | L45604WF |
| 45 cm  | undyed        |  | 2 - 0                   | 3   | L45605WF |
| 45 cm  | undyed        | <b>TS-27P</b><br>                               | 4 - 0                   | 1.5 | L45703WF |
| 45 cm  | undyed        |  | 3 - 0                   | 2   | L45704WF |
| 45 cm  | undyed        |  | 2 - 0                   | 3   | L45705WF |
|        |               | straight cutting                              |                         |     |          |
| 45 cm  | undyed        | <b>RS-45</b><br>                                | 4 - 0                   | 1.5 | L4823WF  |
| 75 cm  | undyed        | <b>RS-58</b><br>                               | 3 - 0                   | 2   | L4844W   |
| 75 cm  | undyed        |  | 2 - 0                   | 3   | L4845W   |
| 75 cm  | violet        |  | 3 - 0                   | 2   | L4844    |
| 75 cm  | violet        |  | 2 - 0                   | 3   | L4845    |




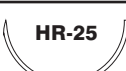
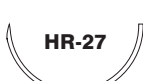



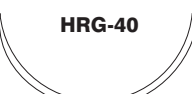










# AssuCryl® Lactin (PGLA) braided, coated, synthetic absorbable

| Number of Strands x Length             | Thread Colour | USP   | EP  | REF     |
|--|---------------|-------|-----|---------|
| Pre-cut sutures without needle         |               |       |     |         |
| 1 x 140 cm                             | violet        | 5 - 0 | 1   | L40052  |
| 1 x 140 cm                             | violet        | 4 - 0 | 1.5 | L40053  |
| 1 x 140 cm                             | violet        | 3 - 0 | 2   | L40054  |
| 1 x 140 cm                             | violet        | 2 - 0 | 3   | L40055  |
| 1 x 140 cm                             | violet        | 0     | 3.5 | L40056  |
| 1 x 140 cm                             | violet        | 1     | 4   | L40057  |
| 1 x 140 cm                             | violet        | 2     | 5   | L40058  |
| 1 x 150 cm                             | violet        | 5 - 0 | 1   | L40032  |
| 1 x 150 cm                             | violet        | 4 - 0 | 1.5 | L40033  |
| 1 x 150 cm                             | violet        | 3 - 0 | 2   | L40034  |
| 1 x 150 cm                             | violet        | 2 - 0 | 3   | L40035  |
| 1 x 150 cm                             | violet        | 0     | 3.5 | L40036  |
| 1 x 150 cm                             | violet        | 1     | 4   | L40037  |
| 1 x 150 cm                             | violet        | 2     | 5   | L40038  |
| 6 x 45 cm                              | violet        | 4 - 0 | 1.5 | L40093  |
| 6 x 45 cm                              | violet        | 3 - 0 | 2   | L40094  |
| 6 x 45 cm                              | violet        | 2 - 0 | 3   | L40095  |
| 6 x 45 cm                              | violet        | 0     | 3.5 | L40096  |
| 6 x 45 cm                              | violet        | 1     | 4   | L40097  |
| 12 x 45 cm                             | violet        | 4 - 0 | 1.5 | L40523  |
| 12 x 45 cm                             | violet        | 3 - 0 | 2   | L40524  |
| 12 x 45 cm                             | violet        | 2 - 0 | 3   | L40525  |
| 12 x 45 cm                             | violet        | 0     | 3.5 | L40526  |
| 12 x 45 cm                             | violet        | 1     | 4   | L40527  |
| Pre-cut sutures without needle on reel |               |       |     |         |
| 1 x 150 cm                             | violet        | 5 - 0 | 1   | BL40032 |
| 1 x 150 cm                             | violet        | 4 - 0 | 1.5 | BL40033 |
| 1 x 150 cm                             | violet        | 3 - 0 | 2   | BL40034 |
| 1 x 150 cm                             | violet        | 2 - 0 | 3   | BL40035 |
| 1 x 150 cm                             | violet        | 0     | 3.5 | BL40036 |
| 1 x 150 cm                             | violet        | 1     | 4   | BL40037 |
| 1 x 150 cm                             | violet        | 2     | 5   | BL40038 |
| 1 x 250 cm                             | violet        | 5 - 0 | 1   | BL4092  |
| 1 x 250 cm                             | violet        | 4 - 0 | 1.5 | BL4093  |
| 1 x 250 cm                             | violet        | 3 - 0 | 2   | BL4094  |
| 1 x 250 cm                             | violet        | 2 - 0 | 3   | BL4095  |
| 1 x 250 cm                             | violet        | 0     | 3.5 | BL4096  |
| 1 x 250 cm                             | violet        | 1     | 4   | BL4097  |
| 1 x 250 cm                             | violet        | 2     | 5   | BL4098  |

## Ophthalmic sutures





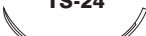
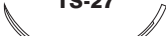





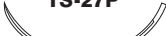






| Length   | Thread Colour | Needle Code and Length in mm   | USP    | EP    | REF     |         |
|--|---------------|--|--------|-------|---------|---------|
| 45 cm  | violet        | <br><b>2 x KSP 8</b><br><br>300 Mi | 6 - 0  | 0.7   | L432986 |         |
| 45 cm  | violet        |  | 350 Mi | 6 - 0 | 0.7     | L432086 |
| 45 cm  | violet        |  | 350 Mi | 5 - 0 | 1       | L432085 |
| <b>1/4 circle, 8mm long, spatula, double-armed</b> |               |  |        |       |         |         |

# AssuCryl® Rapid (PGA) braided, coated, synthetic absorbable













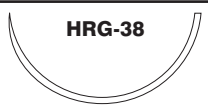
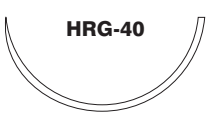


| Length | Thread Colour | Needle Code and Length in mm  | USP   | EP  | REF       |
|--------|---------------|---|-------|-----|-----------|
|        |               | ½ circle taper (Round-Bodied)          |       |     |           |
| 75 cm  | undyed        | <b>HR-17</b><br>                         | 5 - 0 | 1   | R4232W    |
| 75 cm  | undyed        |   | 4 - 0 | 1.5 | R4233W    |
| 75 cm  | undyed        |   | 3 - 0 | 2   | R4234W    |
| 75 cm  | undyed        | <b>HR-22</b><br>                         | 4 - 0 | 1.5 | R4243W    |
| 75 cm  | undyed        |   | 3 - 0 | 2   | R4244W    |
| 75 cm  | undyed        |   | 2 - 0 | 3   | R4245W    |
| 75 cm  | undyed        | <b>HR-25</b><br>                         | 4 - 0 | 1.5 | R42453W   |
| 75 cm  | undyed        |   | 3 - 0 | 2   | R42454W   |
| 75 cm  | undyed        |   | 2 - 0 | 3   | R42455W   |
| 75 cm  | undyed        | <b>HR-27</b><br>                         | 4 - 0 | 1.5 | R4253W    |
| 75 cm  | undyed        |   | 3 - 0 | 2   | R4254W    |
| 75 cm  | undyed        |   | 2 - 0 | 3   | R4255W    |
| 75 cm  | undyed        |   | 0     | 3.5 | R4256W    |
| 75 cm  | undyed        | <b>HR-30</b><br>                         | 3 - 0 | 2   | R42554W   |
| 75 cm  | undyed        |   | 2 - 0 | 3   | R42555W   |
| 75 cm  | undyed        |   | 0     | 3.5 | R42556W   |
| 75 cm  | undyed        |   | 1     | 4   | R42557W   |
|        |               | ½ circle taper (Round-Bodied) , heavy  |       |     |           |
| 90 cm  | undyed        | <b>HRG-38</b><br>                       | 0     | 3.5 | R4346WN   |
| 90 cm  | undyed        |   | 1     | 4   | R4347WN   |
| 75 cm  | undyed        | <b>HRG-40</b><br>                      | 0     | 3.5 | R43416W   |
| 90 cm  | undyed        |   | 0     | 3.5 | R43416WN  |
| 75 cm  | undyed        |   | 1     | 4   | R43417W   |
| 90 cm  | undyed        |   | 1     | 4   | R43417WN  |
| 75 cm  | undyed        |   | 2     | 5   | R43418W   |
| 90 cm  | undyed        |   | 2     | 5   | R43418WN  |
| 75 cm  | undyed        | <b>HRG-50</b><br>                      | 2 - 0 | 3   | R43435W   |
| 90 cm  | undyed        |   | 2 - 0 | 3   | R43435WN  |
| 90 cm  | undyed        |   | 0     | 3.5 | R43436WN  |
| 90 cm  | undyed        |   | 1     | 4   | R43437WN  |
|        |               | ½ circle reverse cutting              |       |     |           |
| 45 cm  | undyed        | <b>HS-21</b><br>                       | 4 - 0 | 1.5 | R46843WF  |
| 45 cm  | undyed        |   | 3 - 0 | 2   | R46844WF  |
| 75 cm  | undyed        | <b>HS-24</b><br>                       | 3 - 0 | 2   | R4694W    |
| 75 cm  | undyed        | <b>HS-27</b><br>                       | 2 - 0 | 3   | R4705W    |
|        |               | ½ circle cutting taper                |       |     |           |
| 90 cm  | undyed        | <b>HSR-25</b><br>                      | 3 - 0 | 2   | R43664WN  |
| 90 cm  | undyed        |   | 2 - 0 | 3   | R43665WN  |
| 120 cm | undyed        | <b>HSR-35</b><br>                      | 2 - 0 | 3   | R43795WHT |
| 90 cm  | undyed        |   | 2 - 0 | 3   | R43795WN  |
| 90 cm  | undyed        |   | 0     | 3.5 | R43796WN  |
| 90 cm  | undyed        |   | 1     | 4   | R43797WN  |
| 90 cm  | undyed        | <b>HSR-40</b><br>                      | 2 - 0 | 3   | R43885WN  |
| 90 cm  | undyed        | <b>HSR-45</b><br>                      | 2 - 0 | 3   | R43895WN  |
| 90 cm  | undyed        |   | 0     | 3.5 | R43896WN  |


















# AssuCryl® Rapid (PGA) braided, coated, synthetic absorbable

| Length                           | Thread Colour                        | Needle Code and Length in mm   | USP                              | EP                   | REF                                    |
|----------------------------------|--------------------------------------|--|----------------------------------|----------------------|--|
|                                  |                                      | 3/8 circle, reverse cutting                     |                                  |                      |  |
| 45 cm<br>45 cm<br>75 cm          | undyed<br>undyed<br>undyed           | <b>TS-12</b><br>                                  | 6 - 0<br>5 - 0<br>4 - 0          | 0.7<br>1<br>1.5      | R4521WF<br>R4522WF<br>R4523W           |
| 45 cm<br>75 cm<br>45 cm<br>75 cm | undyed<br>undyed<br>undyed<br>undyed | <b>TS-17</b><br>                                  | 4 - 0<br>4 - 0<br>3 - 0<br>3 - 0 | 1.5<br>1.5<br>2<br>2 | R4543WF<br>R4543W<br>R4544WF<br>R4544W |
| 75 cm<br>75 cm<br>75 cm          | undyed<br>undyed<br>undyed           | <b>TS-19</b><br>                                  | 4 - 0<br>3 - 0<br>2 - 0          | 1.5<br>2<br>3        | R4553W<br>R4554W<br>R4555W             |
| 75 cm<br>75 cm<br>75 cm          | undyed<br>undyed<br>undyed           | <b>TS-24</b><br>                                  | 4 - 0<br>3 - 0<br>2 - 0          | 1.5<br>2<br>3        | R4563W<br>R4564W<br>R4565W             |
| 75 cm<br>75 cm                   | undyed<br>undyed                     | <b>TS-27</b><br>                                  | 3 - 0<br>2 - 0                   | 2<br>3               | R4574W<br>R4575W                       |
| 75 cm<br>75 cm                   | undyed<br>undyed                     | <b>TS-30</b><br>                                 | 2 - 0<br>0                       | 3<br>3.5             | R4585W<br>R4586W                       |
|                                  |                                      | 3/8 circle, reverse cutting, precision point  |                                  |                      |  |
| 45 cm<br>45 cm                   | undyed<br>undyed                     | <b>TS-12P</b><br>                               | 5 - 0<br>4 - 0                   | 1<br>1.5             | R45202WF<br>R45203WF                   |
| 75 cm<br>75 cm                   | undyed<br>undyed                     | <b>TS-19P</b><br>                               | 4 - 0<br>3 - 0                   | 1.5<br>2             | R45503W<br>R45504W                     |
| 75 cm<br>75 cm                   | undyed<br>undyed                     | <b>TS-24P</b><br>                               | 3 - 0<br>2 - 0                   | 2<br>3               | R45604W<br>R45605W                     |
| 75 cm<br>75 cm                   | undyed<br>undyed                     | <b>TS-27P</b><br>                               | 3 - 0<br>2 - 0                   | 2<br>3               | R45704W<br>R45705W                     |
| 75 cm<br>75 cm                   | undyed<br>undyed                     | <b>TS-35P</b><br>                               | 3 - 0<br>2 - 0                   | 2<br>3               | R45864W<br>R45865W                     |
|                                  |                                      | 3/8 circle, cutting taper                     |                                  |                      |  |
| 75 cm<br>75 cm                   | undyed<br>undyed                     | <b>TSR-18</b><br>                               | 4 - 0<br>3 - 0                   | 1.5<br>2             | R43913W<br>R43914W                     |
|                                  |                                      | straight cutting                              |                                  |                      |  |
| 45 cm                            | undyed                               | <b>RS-45</b><br>                                | 4 - 0                            | 1.5                  | R4823WF                                |
| 75 cm<br>75 cm                   | undyed<br>undyed                     | <b>RS-58</b><br>                                | 3 - 0<br>2 - 0                   | 2<br>3               | R4844W<br>R4845W                       |





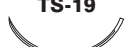













# AssuCryl® MonoSlow (PDO) monofilament, synthetic absorbable

| Length      | Thread Colour | Needle Code and Length in mm  | USP   | EP       | REF       |
|-------------|---------------|---|-------|----------|-----------|
|             |               | ½ circle taper (Round-Bodied)            |       |          |           |
| 45 cm       | violet        | <b>HR-13</b>  | 5 - 0 | 1        | MS4202F   |
| 45 cm       | violet        |    | 4 - 0 | 1.5      | MS4203F   |
| 75 cm       | violet        | <b>HR-17</b><br>                           | 5 - 0 | 1        | MS4232    |
| 90 cm       | violet        |   | 5 - 0 | 1        | MS4232N   |
| 75 cm       | violet        |   | 4 - 0 | 1.5      | MS4233    |
| 90 cm       | violet        |   | 4 - 0 | 1.5      | MS4233N   |
| 75 cm       | violet        |   | 3 - 0 | 2        | MS4234    |
| 75 cm       | violet        | <b>HR-20</b><br>                           | 4 - 0 | 1.5      | MS42353   |
| 75 cm       | violet        |   | 3 - 0 | 2        | MS42354   |
| 75 cm       | violet        |   | 2 - 0 | 3        | MS42355   |
| 75 cm       | violet        |   | 0     | 3.5      | MS42356   |
| 75 cm       | violet        | <b>HR-22</b><br>                           | 4 - 0 | 1.5      | MS4243    |
| 75 cm       | violet        |   | 3 - 0 | 2        | MS4244    |
| 75 cm       | violet        |   | 2 - 0 | 3        | MS4245    |
| 75 cm       | violet        | <b>HR-25</b><br>                           | 4 - 0 | 1.5      | MS42453   |
| 75 cm       | violet        |   | 3 - 0 | 2        | MS42454   |
| 75 cm       | violet        |   | 2 - 0 | 3        | MS42455   |
| 75 cm       | violet        |   | 0     | 3.5      | MS42456   |
| 75 cm       | violet        |   | 1     | 4        | MS42457   |
| 75 cm       | violet        | <b>HR-27</b><br>                           | 3 - 0 | 2        | MS4254    |
| 75 cm       | violet        |   | 2 - 0 | 3        | MS4255    |
| 75 cm       | violet        |   | 0     | 3.5      | MS4256    |
| 90 cm       | violet        | <b>HR-30</b><br>                          | 3 - 0 | 2        | MS42554N  |
| 75 cm       | violet        |   | 3 - 0 | 2        | MS42554   |
| 75 cm       | violet        |   | 2 - 0 | 3        | MS42555   |
| 75 cm       | violet        |   | 0     | 3.5      | MS42556   |
| 75 cm       | violet        |   | 1     | 4        | MS42557   |
| 75 cm       | violet        | <b>HR-40</b><br>                         | 2 - 0 | 3        | MS4285    |
| 75 cm       | violet        |   | 0     | 3.5      | MS4286    |
| 75 cm       | violet        |   | 1     | 4        | MS4287    |
| 75 cm       | violet        |   | 2     | 5        | MS4288    |
|             |               | ½ circle taper (Round-Bodied) double-armed  |       |          |           |
| 75 cm       | violet        | <b>2 x HR-13</b><br>                     | 6 - 0 | 0.7      | MS4861    |
| 75 cm       | violet        |   | 5 - 0 | 1        | MS4862    |
|             |               | ½ circle taper (Round-Bodied) , heavy  |       |          |           |
| 75 cm       | violet        | <b>HRG-27</b><br>                        | 2 - 0 | 3        | MS4335    |
| 75 cm       | violet        |   | 0     | 3.5      | MS4336    |
| 75 cm       | violet        |   | 1     | 4        | MS4337    |
| 90 cm       | violet        | <b>HRG-38</b><br>                        | 0     | 3.5      | MS4346N   |
| 90 cm       | violet        |   | 1     | 4        | MS4347N   |
| 90 cm       | violet        |   | 2     | 5        | MS4348N   |
| 75 cm       | violet        | <b>HRG-40</b><br>                        | 0     | 3.5      | MS43416   |
| 90 cm       | violet        |   | 0     | 3.5      | MS43416N  |
| 150 cm loop | violet        |   | 0     | 3.5      | MS43416HF |
| 75 cm       | violet        |   | 1     | 4        | MS43417   |
| 90 cm       | violet        |   | 1     | 4        | MS43417N  |
| 150 cm loop | violet        |   | 1     | 4        | MS43417HF |
| 75 cm       | violet        |   | 2     | 5        | MS43418   |
| 90 cm       | violet        | 2   | 5     | MS43418N |           |
| 90 cm       | violet        | <b>HRG-45</b><br>                        | 1     | 4        | MS43427N  |
| 90 cm       | violet        | <b>HRG-50</b><br>                        | 0     | 3.5      | MS43436N  |
| 150 cm loop | violet        |   | 0     | 3.5      | MS43436HF |
| 90 cm       | violet        |   | 1     | 4        | MS43437N  |
| 150 cm loop | violet        |   | 1     | 4        | MS43437HF |
| 90 cm       | violet        |   | 2     | 5        | MS43438N  |












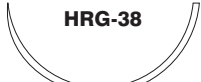

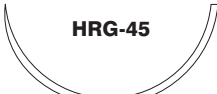
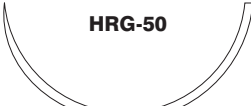



# AssuCryl® MonoSlow (PDO) monofilament, synthetic absorbable

| Length                           | Thread Colour                        | Needle Code and Length in mm  | USP              | EP                   | REF                                    |
|----------------------------------|--------------------------------------|---|------------------|----------------------|--|
|                                  |                                      | $\frac{1}{2}$ circle, reverse cutting                        |                  |                      |  |
| 45 cm<br>45 cm                   | violet<br>violet                     | <b>HS-21</b><br>   | 3 - 0<br>2 - 0   | 2<br>3               | MS46844F<br>MS46845F                   |
| 75 cm<br>75 cm<br>75 cm          | violet<br>violet<br>violet           | <b>HS-30</b><br>   | 2 - 0<br>0<br>1  | 3<br>3.5<br>4        | MS4715<br>MS4716<br>MS4717             |
| 90 cm<br>90 cm<br>90 cm          | violet<br>violet<br>violet           | <b>HS-40</b><br>   | 0<br>1<br>2      | 3.5<br>4<br>5        | MS4736N<br>MS4737N<br>MS4738N          |
| 90 cm<br>90 cm<br>90 cm          | violet<br>violet<br>violet           | <b>HS-52</b><br>   | 0<br>1<br>2      | 3.5<br>4<br>5        | MS4746N<br>MS4747N<br>MS4748N          |
|                                  |                                      | $\frac{1}{2}$ circle cutting taper                           |                  |                      |  |
| 75 cm<br>75 cm                   | violet<br>violet                     | <b>HSR-25</b><br>  | 3 - 0<br>2 - 0   | 2<br>3               | MS43664<br>MS43665                     |
| 75 cm<br>75 cm                   | violet<br>violet                     | <b>HSR-27</b><br>  | 3 - 0<br>2 - 0   | 2<br>3               | MS4374<br>MS4375                       |
| 75 cm<br>90 cm<br>90 cm          | violet<br>violet<br>violet           | <b>HSR-35</b><br>  | 2 - 0<br>0<br>1  | 3<br>3.5<br>4        | MS43795<br>MS43796N<br>MS43797N        |
| 75 cm<br>90 cm<br>75 cm<br>90 cm | violet<br>violet<br>violet<br>violet | <b>HSR-38</b><br>  | 0<br>0<br>1<br>1 | 3.5<br>3.5<br>4<br>4 | MS4386<br>MS4386N<br>MS4387<br>MS4387N |
|                                  |                                      | $\frac{1}{2}$ circle cutting taper, heavy                  |                  |                      |  |
| 90 cm<br>90 cm                   | violet<br>violet                     | <b>HSRG-35</b><br>   | 0<br>1           | 3.5<br>4             | MS43806N<br>MS43807N                   |
| 90 cm<br>90 cm                   | violet<br>violet                     | <b>HSRG-40</b><br>   | 0<br>1           | 3.5<br>1             | MS43866N<br>MS43867N                   |
|                                  |                                      | $\frac{3}{8}$ circle taper (Round-Bodied)<br>double-armed  |                  |                      |  |
| 75 cm<br>75 cm                   | violet<br>violet                     | <b>2 x TR-13</b><br>   | 6 - 0<br>5 - 0   | 0.7<br>1             | MS4991<br>MS4992                       |
|                                  |                                      |   |                  |                      |  |















# AssuCryl® MonoSlow (PDO) monofilament, synthetic absorbable

| Length                           | Thread Colour                        | Needle Code and Length in mm  | USP                              | EP                   | REF                                    |
|----------------------------------|--------------------------------------|---|----------------------------------|----------------------|--|
|                                  |                                      | 3/8 circle reverse cutting                       |                                  |                      |  |
| 45 cm<br>45 cm<br>45 cm          | violet<br>violet<br>violet           | <b>TS-12</b><br>                                   | 6 - 0<br>5 - 0<br>4 - 0          | 0.7<br>1<br>1.5      | MS4521F<br>MS4522F<br>MS4523F          |
| 75 cm<br>75 cm<br>75 cm          | violet<br>violet<br>violet           | <b>TS-15</b><br>                                   | 6 - 0<br>5 - 0<br>4 - 0          | 0.7<br>1<br>1.5      | MS4531<br>MS4532<br>MS4533             |
| 45 cm<br>75 cm<br>45 cm<br>75 cm | violet<br>violet<br>violet<br>violet | <b>TS-17</b><br>                                   | 4 - 0<br>4 - 0<br>3 - 0<br>3 - 0 | 1.5<br>1.5<br>2<br>2 | MS4543F<br>MS4543<br>MS4544F<br>MS4544 |
| 45 cm<br>75 cm<br>45 cm<br>75 cm | violet<br>violet<br>violet<br>violet | <b>TS-19</b><br>                                   | 4 - 0<br>4 - 0<br>3 - 0<br>3 - 0 | 1.5<br>1.5<br>2<br>2 | MS4553F<br>MS4553<br>MS4554F<br>MS4554 |
| 75 cm<br>75 cm<br>75 cm          | violet<br>violet<br>violet           | <b>TS-24</b><br>                                   | 4 - 0<br>3 - 0<br>2 - 0          | 1.5<br>2<br>3        | MS4563<br>MS4564<br>MS4565             |
| 75 cm<br>75 cm                   | violet<br>violet                     | <b>TS-27</b><br>                                  | 3 - 0<br>2 - 0                   | 2<br>3               | MS4574<br>MS4575                       |
| 75 cm<br>75 cm<br>75 cm          | violet<br>violet<br>violet           | <b>TS-30</b><br>                                 | 3 - 0<br>2 - 0<br>0              | 2<br>3<br>3.5        | MS4584<br>MS4585<br>MS4586             |
| 75 cm<br>75 cm<br>75 cm          | violet<br>violet<br>violet           | <b>TS-38</b><br>                                 | 3 - 0<br>2 - 0<br>0              | 2<br>3<br>3.5        | MS4594<br>MS4595<br>MS4596             |
|                                  |                                      | Straight, cutting                              |                                  |                      |  |
| 75 cm<br>75 cm<br>75 cm          | violet<br>violet<br>violet           | <b>RS-58</b><br>                                | 3 - 0<br>2 - 0<br>0              | 2<br>3<br>3.5        | MS4844<br>MS4845<br>MS4846             |
|                                  |                                      | 3/8 circle reverse cutting<br>Precision Point  |                                  |                      |  |
| 45 cm<br>45 cm<br>45 cm          | violet<br>violet<br>violet           | <b>TS-12P</b><br>                                | 6 - 0<br>5 - 0<br>4 - 0          | 0.7<br>1<br>1.5      | MS45201F<br>MS45202F<br>MS45203F       |
| 45 cm<br>45 cm<br>45 cm          | violet<br>violet<br>violet           | <b>TS-15P</b><br>                                | 5 - 0<br>4 - 0<br>3 - 0          | 1<br>1.5<br>2        | MS45302F<br>MS45303F<br>MS45304F       |
| 45 cm<br>45 cm                   | violet<br>violet                     | <b>TS-19P</b><br>                                | 4 - 0<br>3 - 0                   | 1.5<br>2             | MS45503F<br>MS45504F                   |
| 45 cm<br>45 cm                   | violet<br>violet                     | <b>TS-24P</b><br>                                | 4 - 0<br>3 - 0                   | 1.5<br>2             | MS45603F<br>MS45604F                   |
| 45 cm                            | violet                               | <b>TS-27P</b><br>                                | 3 - 0                            | 2                    | MS45704F                               |
| 45 cm                            | violet                               | <b>TS-35P</b><br>                                | 2 - 0                            | 3                    | MS45865F                               |










# AssuCryl® MonoRapid (PGCL) monofilament, synthetic absorbable

| Length | Thread Colour | Needle Code and Length in mm  | USP   | EP  | REF      |
|--------|---------------|---|-------|-----|----------|
|        |               | ½ circle taper (Round-Bodied)            |       |     |          |
| 45 cm  | violet        | <b>HR-13</b><br>                           | 6 - 0 | 1   | MR4201F  |
| 75 cm  | violet        | <b>HR-17</b><br>                           | 4 - 0 | 1.5 | MR4233   |
| 75 cm  | violet        |   | 3 - 0 | 2   | MR4234   |
| 75 cm  | violet        | <b>HR-22</b><br>                           | 4 - 0 | 1.5 | MR4243   |
| 75 cm  | violet        |   | 3 - 0 | 2   | MR4244   |
| 75 cm  | violet        |   | 2 - 0 | 3   | MR4245   |
| 75 cm  | violet        | <b>HR-25</b><br>                           | 3 - 0 | 2   | MR42454  |
| 75 cm  | undyed        |   | 3 - 0 | 2   | MR42454W |
| 75 cm  | violet        |   | 2 - 0 | 3   | MR42455  |
| 75 cm  | violet        | <b>HR-30</b><br>                           | 3 - 0 | 2   | MR42554  |
| 75 cm  | violet        |   | 2 - 0 | 3   | MR42555  |
| 75 cm  | undyed        |   | 2 - 0 | 3   | MR42555W |
| 75 cm  | violet        |   | 0     | 3.5 | MR42556  |
| 75 cm  | violet        |   | 1     | 4   | MR42557  |
| 75 cm  | violet        | <b>HR-35</b><br>                           | 2 - 0 | 3   | MR42655  |
| 75 cm  | violet        |   | 0     | 3.5 | MR42656  |
| 75 cm  | violet        |   | 1     | 4   | MR42657  |
| 75 cm  | violet        | <b>HR-40</b><br>                          | 3 - 0 | 2   | MR4284   |
| 90 cm  | violet        |   | 3 - 0 | 2   | MR4284N  |
| 75 cm  | violet        |   | 2 - 0 | 3   | MR4285   |
| 90 cm  | violet        |   | 2 - 0 | 3   | MR4285N  |
| 75 cm  | violet        |   | 0     | 3.5 | MR4286   |
| 90 cm  | violet        |   | 0     | 3.5 | MR4286N  |
| 75 cm  | violet        |   | 1     | 4   | MR4287   |
| 90 cm  | violet        |   | 1     | 4   | MR4287N  |
|        |               | ½ circle taper (Round-Bodied) , heavy  |       |     |          |
| 90 cm  | violet        | <b>HRG-27</b><br>                        | 2 - 0 | 3   | MR4335N  |
| 90 cm  | violet        |   | 0     | 3.5 | MR4336N  |
| 90 cm  | violet        |   | 1     | 4   | MR4337N  |
| 90 cm  | violet        | <b>HRG-35</b><br>                        | 2 - 0 | 3   | MR43365N |
| 90 cm  | violet        |   | 0     | 3.5 | MR43366N |
| 90 cm  | violet        |   | 1     | 4   | MR43367N |
| 90 cm  | violet        | <b>HRG-38</b><br>                        | 2 - 0 | 3   | MR4345N  |
| 90 cm  | violet        |   | 0     | 3.5 | MR4346N  |
| 90 cm  | violet        |   | 1     | 4   | MR4347N  |
| 75 cm  | violet        | <b>HRG-40</b><br>                        | 0     | 3.5 | MR43416  |
| 90 cm  | violet        |   | 0     | 3.5 | MR43416N |
| 75 cm  | violet        |   | 1     | 4   | MR43417  |
| 90 cm  | violet        |   | 1     | 4   | MR43417N |
| 90 cm  | violet        | <b>HRG-45</b><br>                        | 1     | 4   | MR43427N |
| 75 cm  | violet        | <b>HRG-50</b><br>                        | 2 - 0 | 3   | MR43435  |
|        |               | 5/8 circle taper (Round-Bodied)        |       |     |          |
| 75 cm  | violet        | <b>FR-27</b><br>                         | 3 - 0 | 2   | MR4904   |
| 75 cm  | violet        |   | 2 - 0 | 3   | MR4905   |
| 75 cm  | violet        | <b>FR-38</b><br>                         | 2 - 0 | 3   | MR4925   |
| 75 cm  | violet        |   | 0     | 3.5 | MR4926   |













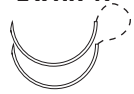

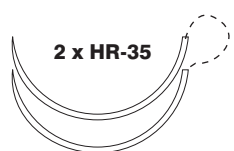
# AssuCryl® MonoRapid (PGCL) monofilament, synthetic absorbable

| Length | Thread Colour | Needle Code and Length in mm   | USP   | EP  | REF      |
|--------|---------------|--|-------|-----|----------|
|        |               | ½ circle cutting taper      |       |     |          |
| 75 cm  | undyed        | <b>HSR-25</b><br>             | 3 - 0 | 2   | MR43664W |
| 75 cm  | undyed        |  | 2 - 0 | 3   | MR43665W |
| 75 cm  | violet        |  | 2 - 0 | 3   | MR43665  |
| 75 cm  | violet        | <b>HSR-35</b><br>             | 2 - 0 | 3   | MR43795  |
| 75 cm  | violet        |  | 0     | 3.5 | MR43796  |
| 75 cm  | violet        |  | 1     | 4   | MR43797  |
|        |               | ½ circle, reverse cutting   |       |     |          |
| 75 cm  | violet        | <b>HS-35</b><br>              | 2 - 0 | 3   | MR47015  |
| 75 cm  | violet        |  | 0     | 3.5 | MR47016  |
| 90 cm  | violet        | <b>HS-40</b><br>              | 1     | 4   | MR4737N  |
|        |               | 3/8 circle reverse cutting  |       |     |          |
| 75 cm  | violet        | <b>TS-12</b><br>            | 5 - 0 | 1   | MR4522   |
| 45 cm  | violet        | <b>TS-15</b><br>            | 5 - 0 | 1   | MR4532F  |
| 45 cm  | undyed        |  | 5 - 0 | 1   | MR4532WF |
| 75 cm  | violet        |  | 5 - 0 | 1   | MR4532   |
| 75 cm  | violet        |  | 4 - 0 | 1.5 | MR4533   |
| 45 cm  | undyed        |  | 4 - 0 | 1.5 | MR4533WF |
| 75 cm  | violet        | <b>TS-17</b><br>            | 5 - 0 | 1   | MR4542   |
| 45 cm  | violet        |  | 5 - 0 | 1   | MR4542F  |
| 75 cm  | undyed        |  | 5 - 0 | 1   | MR4542W  |
| 45 cm  | undyed        |  | 5 - 0 | 1   | MR4542WF |
| 75 cm  | violet        |  | 4 - 0 | 1.5 | MR4543   |
| 45 cm  | violet        |  | 4 - 0 | 1.5 | MR4543F  |
| 75 cm  | undyed        |  | 4 - 0 | 1.5 | MR4543W  |
| 45 cm  | undyed        |  | 4 - 0 | 1.5 | MR4543WF |
| 75 cm  | undyed        |  | 3 - 0 | 2   | MR4544W  |
| 75 cm  | undyed        | <b>TS-19</b><br>            | 5 - 0 | 1   | MR4552W  |
| 45 cm  | undyed        |  | 5 - 0 | 1   | MR4552WF |
| 75 cm  | undyed        |  | 4 - 0 | 1.5 | MR4553W  |
| 45 cm  | undyed        |  | 4 - 0 | 1.5 | MR4553WF |
| 75 cm  | undyed        |  | 3 - 0 | 2   | MR4554W  |
| 45 cm  | undyed        | <b>TS-24</b><br>            | 4 - 0 | 1.5 | MR4563WF |
| 75 cm  | undyed        |  | 3 - 0 | 2   | MR4564W  |
| 75 cm  | undyed        |  | 2 - 0 | 3   | MR4565W  |
| 75 cm  | undyed        | <b>TS-27</b><br>            | 3 - 0 | 2   | MR4574W  |
| 75 cm  | undyed        |  | 2 - 0 | 3   | MR4575W  |
| 75 cm  | undyed        | <b>TS-30</b><br>            | 2 - 0 | 3   | MR4585W  |
|        |               |  |       |     |          |

# AssuCryl® MonoRapid (PGCL) monofilament, synthetic absorbable












| Length  | Thread Colour                                  | Needle Code and Length in mm   | USP                               | EP                        | REF   |
|---|--|--|-----------------------------------|---------------------------|---|
|   |  | straight cutting                                |                                   |                           |   |
| 75 cm<br>75 cm<br>75 cm                             | undyed<br>undyed<br>undyed                     | <b>RS-58</b><br>                                 | 4 - 0<br>3 - 0<br>2 - 0           | 1.5<br>2<br>3             | MR4843W<br>MR4844W<br>MR4845W                       |
| 75 cm<br>75 cm                                      | undyed<br>undyed                               | <b>RS-58</b><br>With 2 beads and 2 collars<br>   | 3 - 0<br>2 - 0                    | 2<br>3                    | MR4844W INTC<br>MR4845W INTC                        |
|   |  | 3/8 circle, reverse cutting<br>Precision Point  |                                   |                           |   |
| 45 cm<br>45 cm<br>45 cm                             | undyed<br>undyed<br>undyed                     | <b>TS-12P</b><br>                                 | 6 - 0<br>5 - 0<br>4 - 0           | 0.7<br>1<br>1.5           | MR45201WF<br>MR45202WF<br>MR45203WF                 |
| 45 cm<br>45 cm<br>45 cm                             | undyed<br>undyed<br>undyed                     | <b>TS-15P</b><br>                                 | 5 - 0<br>4 - 0<br>3 - 0           | 1<br>1.5<br>2             | MR45302WF<br>MR45303WF<br>MR45304WF                 |
| 45 cm<br>45 cm                                      | undyed<br>undyed                               | <b>TS-19P</b><br>                                | 4 - 0<br>3 - 0                    | 1.5<br>2                  | MR45503WF<br>MR45504WF                              |
| 45 cm<br>45 cm                                      | undyed<br>undyed                               | <b>TS-24P</b><br>                               | 4 - 0<br>3 - 0                    | 1.5<br>2                  | MR45603WF<br>MR45604WF                              |
| 45 cm<br>45 cm<br>75 cm                             | undyed<br>undyed<br>undyed                     | <b>TS-27P</b><br>                               | 4 - 0<br>3 - 0<br>3 - 0           | 1.5<br>2<br>2             | MR45703WF<br>MR45704WF<br>MR45704W                  |
|   |  | Pre-cut sutures without needle   |                                   |                           |   |
| 1x150 cm<br>1x150 cm<br>1x150 cm<br>1x150 cm        | violet<br>violet<br>violet<br>violet           |  | 3 - 0<br>2 - 0<br>0<br>1          | 2<br>3<br>3.5<br>4        | MR40034<br>MR40035<br>MR40036<br>MR40037            |
| 6x45 cm<br>6x45 cm<br>6x45 cm<br>6x45 cm<br>6x45 cm | violet<br>violet<br>violet<br>violet<br>violet |  | 4 - 0<br>3 - 0<br>2 - 0<br>0<br>1 | 1.5<br>2<br>3<br>3.5<br>4 | MR40093<br>MR40094<br>MR40095<br>MR40096<br>MR40097 |
|   |  | Pre-cut sutures without needle on reel   |                                   |                           |   |
| 1x250 cm<br>1x250 cm<br>1x250 cm<br>1x250 cm        | violet<br>violet<br>violet<br>violet           |  | 3 - 0<br>2 - 0<br>0<br>1          | 2<br>3<br>3.5<br>4        | BMR4094<br>BMR4095<br>BMR4096<br>BMR4097            |
|   |  |  |                                   |                           |   |

# Astralen / Polyester braided, coated













| Length | Thread Colour | Needle Code and Length in mm   | USP   | EP  | REF      |
|--------|---------------|--|-------|-----|----------|
|        |               | ½ circle taper (Round-Bodied)   |       |     |          |
| 75 cm  | green         | <b>HR-13</b><br>                  | 5 - 0 | 1   | 3202     |
| 75 cm  | green         |  | 4 - 0 | 1.5 | 3203     |
| 75 cm  | green         |  | 3 - 0 | 2   | 3204     |
| 75 cm  | green         | <b>HR-17</b><br>                  | 5 - 0 | 1   | 3232     |
| 75 cm  | green         |  | 4 - 0 | 1.5 | 101      |
| 75 cm  | green         |  | 3 - 0 | 2   | 102      |
| 75 cm  | green         |  | 2 - 0 | 3   | 3235     |
| 75 cm  | green         | <b>HR-22</b><br>                  | 4 - 0 | 1.5 | 3243     |
| 75 cm  | green         |  | 3 - 0 | 2   | 3244     |
| 75 cm  | green         |  | 2 - 0 | 3   | 3245     |
| 75 cm  | green         | <b>HR-27</b><br>                  | 4 - 0 | 1.5 | 103      |
| 75 cm  | green         |  | 3 - 0 | 2   | 104      |
| 75 cm  | green         |  | 2 - 0 | 3   | 105      |
| 75 cm  | green         |  | 0     | 3.5 | 3256     |
| 75 cm  | green         | <b>HR-32</b><br>                  | 3 - 0 | 2   | 3264     |
| 75 cm  | green         |  | 2 - 0 | 3   | 3265     |
| 75 cm  | green         |  | 0     | 3.5 | 3266     |
| 75 cm  | green         |  | 1     | 4   | 3267     |
| 75 cm  | green         | <b>HR-38</b><br>                 | 3 - 0 | 2   | 3274     |
| 75 cm  | green         |  | 2 - 0 | 3   | 106      |
| 75 cm  | green         |  | 0     | 3.5 | 107      |
| 75 cm  | green         |  | 1     | 4   | 3277     |
| 75 cm  | green         |  | 2     | 5   | 108      |
| 75 cm  | green         | <b>HR-40</b><br>                | 2 - 0 | 3   | 3285     |
| 75 cm  | green         |  | 0     | 3.5 | 3286     |
| 75 cm  | green         |  | 1     | 4   | 3287     |
|        |               | ½ circle taper, heavy         |       |     |          |
| 75 cm  | green         | <b>HRG-27</b><br>               | 2 - 0 | 3   | 3335     |
| 75 cm  | green         |  | 0     | 3.5 | 3336     |
| 75 cm  | green         |  | 1     | 4   | 3337     |
| 75 cm  | green         |  | 2     | 5   | 3338     |
| 75 cm  | green         | <b>HRG-38</b><br>               | 2 - 0 | 3   | 3345     |
| 75 cm  | green         |  | 0     | 3.5 | 3346     |
|        |               | ½ circle taper, double-armed  |       |     |          |
| 75 cm  | green         | <b>2 x HR-17</b><br>            | 4 - 0 | 1.5 | 901      |
| 90 cm  | green         |  | 4 - 0 | 1.5 | 901N     |
| 75 cm  | green         |  | 3 - 0 | 2   | 902      |
| 90 cm  | green         |  | 3 - 0 | 2   | 902N     |
| 75 cm  | green         |  | 2 - 0 | 3   | 3875     |
| 90 cm  | green         |  | 2 - 0 | 3   | 3875N    |
| 75 cm  | green & white | Multipack 4 sutures per envelope - 2 green & 2 white braided sutures   | 4 - 0 | 1.5 | CV 901x4 |
| 75 cm  | green         | <b>2 x HR-25</b><br>            | 3 - 0 | 2   | 38854    |
| 90 cm  | green         |  | 3 - 0 | 2   | 38854N   |
| 75 cm  | green         |  | 2 - 0 | 3   | 38855    |
| 90 cm  | green         |  | 2 - 0 | 3   | 38855N   |
| 90 cm  | green         | <b>2 x HR-35</b><br>            | 2 - 0 | 3   | 38975N   |












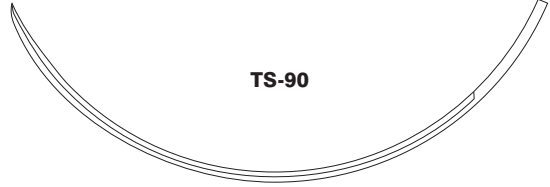

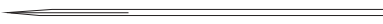

# Astralen / Polyester braided, coated

| Length                           | Thread Colour                    | Needle Code and Length in mm  | USP                              | EP                   | REF                          |
|----------------------------------|----------------------------------|---|----------------------------------|----------------------|------------------------------|
|                                  |                                  | ½ circle, reverse cutting  |                                  |                      |                              |
| 75 cm<br>75 cm<br>75 cm<br>75 cm | green<br>green<br>green<br>green | <b>HS-17</b><br>             | 6 - 0<br>5 - 0<br>4 - 0<br>3 - 0 | 0.7<br>1<br>1.5<br>2 | 3671<br>3672<br>3673<br>3674 |
| 75 cm<br>75 cm<br>75 cm          | green<br>green<br>green          | <b>HS-19</b><br>             | 4 - 0<br>3 - 0<br>2 - 0          | 1.5<br>2<br>3        | 3683<br>3684<br>3685         |
| 75 cm<br>75 cm<br>75 cm<br>75 cm | green<br>green<br>green<br>green | <b>HS-24</b><br>             | 4 - 0<br>3 - 0<br>2 - 0<br>0     | 1.5<br>2<br>3<br>3.5 | 3693<br>3694<br>3695<br>3696 |
| 75 cm                            | green                            | <b>HS-27</b><br>             | 2 - 0                            | 3                    | 160                          |
| 75 cm<br>75 cm<br>75 cm          | green<br>green<br>green          | <b>HS-30</b><br>           | 2 - 0<br>0<br>1                  | 3<br>3.5<br>4        | 3715<br>3716<br>3717         |
| 75 cm<br>75 cm<br>75 cm<br>75 cm | green<br>green<br>green<br>green | <b>HS-38</b><br>           | 2 - 0<br>0<br>1<br>2             | 3<br>3.5<br>4<br>5   | 3725<br>3726<br>3727<br>3728 |
|                                  |                                  | ½ circle, cutting taper  |                                  |                      |                              |
| 75 cm<br>75 cm<br>75 cm<br>75 cm | green<br>green<br>green<br>green | <b>HSR-18</b><br>          | 5 - 0<br>4 - 0<br>3 - 0<br>2 - 0 | 1<br>1.5<br>2<br>3   | 3362<br>3363<br>3364<br>3365 |
| 75 cm<br>75 cm                   | green<br>green                   | <b>HSR-27</b><br>          | 3 - 0<br>2 - 0                   | 2<br>3               | 3374<br>3375                 |
| 75 cm<br>75 cm                   | green<br>green                   | <b>HSR-38</b><br>          | 0<br>1                           | 3.5<br>4             | 3386<br>3387                 |
|                                  |                                  |   |                                  |                      |                              |

# Astralen / Polyester braided, coated





| Length | Thread Colour | Needle Code and Length in mm  | USP   | EP  | REF     |
|--------|---------------|---|-------|-----|---------|
|        |               | ½ circle, cutting taper, double-armed            |       |     |         |
| 90 cm  | green         | <b>2 x HSR-18</b><br>                              | 5 - 0 | 1   | 3942N   |
| 90 cm  | green         |   | 4 - 0 | 1.5 | 3943N   |
| 90 cm  | green         |   | 3 - 0 | 2   | 3944N   |
| 90 cm  | green         |   | 2 - 0 | 3   | 3945N   |
| 90 cm  | green & white | Multipack 4 sutures per envelope - 2 green & 2 white braided sutures  | 2 - 0 | 3   | 3945Nx4 |
| 75 cm  | green         | <b>2 x HSR-25</b><br>                              | 2 - 0 | 3   | 39485   |
| 90 cm  | green         |   | 2 - 0 | 3   | 39485N  |
|        |               | 3/8 circle taper (Round-Bodied)                  |       |     |         |
| 75 cm  | green         | <b>TR-17</b><br>                                   | 5 - 0 | 1   | 123     |
| 75 cm  | green         |   | 4 - 0 | 1.5 | 124     |
| 75 cm  | green         |   | 3 - 0 | 2   | 125     |
| 75 cm  | green         |   | 2 - 0 | 3   | 3435    |
| 75 cm  | green         | <b>TR-22</b><br>                                 | 5 - 0 | 1   | 3442    |
| 75 cm  | green         |   | 4 - 0 | 1.5 | 3443    |
| 75 cm  | green         |   | 3 - 0 | 2   | 3444    |
| 75 cm  | green         |   | 2 - 0 | 3   | 3445    |
| 75 cm  | green         |   | 0     | 3.5 | 3446    |
| 75 cm  | green         | <b>TR-27</b><br>                                 | 2 - 0 | 3   | 3455    |
| 75 cm  | green         |   | 0     | 3.5 | 3456    |
| 75 cm  | green         |   | 1     | 4   | 3457    |
| 75 cm  | green         |   | 2     | 5   | 3458    |
| 75 cm  | green         | <b>TR-32</b><br>                                 | 2 - 0 | 3   | 3465    |
| 75 cm  | green         |   | 0     | 3.5 | 3466    |
| 75 cm  | green         |   | 1     | 4   | 3467    |
| 75 cm  | green         |   | 2     | 5   | 3468    |
| 75 cm  | green         |   | 3     | 6   | 3469    |
| 75 cm  | green         | <b>TR-38</b><br>                                 | 2 - 0 | 3   | 3475    |
| 75 cm  | green         |   | 0     | 3.5 | 3476    |
| 75 cm  | green         |   | 1     | 4   | 3477    |
| 75 cm  | green         |   | 2     | 5   | 3478    |
| 75 cm  | green         |   | 3     | 6   | 3479    |
|        |               | 3/8 circle taper (Round-Bodied), double-armed  |       |     |         |
| 75 cm  | green         | <b>2 x TR-13</b><br>                             | 6 - 0 | 0.7 | 906     |
| 75 cm  | green         |   | 5 - 0 | 1   | 907     |
| 75 cm  | green         |   | 4 - 0 | 1.5 | 3993    |
| 75 cm  | green         | <b>2 x TR-22</b><br>                             | 5 - 0 | 1   | 31252   |
| 75 cm  | green         |   | 4 - 0 | 1.5 | 31253   |

# Astralen / Polyester braided, coated

| Length   | Thread Colour                                      | Needle Code and Length in mm  | USP  | EP                               | REF  |
|--|--|---|--|----------------------------------|--|
|  |  | 3/8 circle, reverse cutting  |  |                                  |  |
| 45 cm<br>45 cm<br>45 cm<br>75 cm                   | green<br>green<br>green<br>green                   | <b>TS-12</b><br>               | 6 - 0<br>5 - 0<br>4 - 0<br>4 - 0               | 0.7<br>1<br>1.5<br>1.5           | 132F<br>133F<br>134F<br>134                |
| 45 cm<br>75 cm<br>75 cm                            | green<br>green<br>green                            | <b>TS-17</b><br>               | 5 - 0<br>5 - 0<br>4 - 0                        | 1<br>1<br>1.5                    | 135F<br>135<br>136                         |
| 75 cm<br>75 cm<br>75 cm<br>75 cm<br>75 cm<br>75 cm | green<br>green<br>green<br>green<br>green<br>green | <b>TS-19</b><br>               | 6 - 0<br>5 - 0<br>4 - 0<br>3 - 0<br>2 - 0<br>0 | 0.7<br>1<br>1.5<br>2<br>3<br>3.5 | 3551<br>137<br>138<br>139<br>3555<br>3556  |
| 75 cm<br>75 cm<br>75 cm<br>75 cm                   | green<br>green<br>green<br>green                   | <b>TS-24</b><br>               | 4 - 0<br>3 - 0<br>2 - 0<br>0                   | 1.5<br>2<br>3<br>3.5             | 140<br>141<br>142<br>3566                  |
| 75 cm<br>75 cm<br>75 cm<br>75 cm                   | green<br>green<br>green<br>green                   | <b>TS-27</b><br>              | 4 - 0<br>3 - 0<br>2 - 0<br>0                   | 1.5<br>2<br>3<br>3.5             | 143<br>144<br>145<br>3576                  |
| 75 cm<br>75 cm<br>75 cm<br>75 cm                   | green<br>green<br>green<br>green                   | <b>TS-30</b><br>             | 3 - 0<br>2 - 0<br>0<br>1                       | 2<br>3<br>3.5<br>4               | 146<br>147<br>3586<br>3587                 |
| 75 cm<br>75 cm<br>75 cm<br>75 cm<br>75 cm<br>75 cm | green<br>green<br>green<br>green<br>green<br>green | <b>TS-38</b><br>             | 3 - 0<br>2 - 0<br>0<br>1<br>2<br>3             | 2<br>3<br>3.5<br>4<br>5<br>6     | 148<br>149<br>3596<br>3597<br>3598<br>3599 |
| 75 cm<br>75 cm<br>75 cm<br>75 cm                   | green<br>green<br>green<br>green                   | <b>TS-45</b><br>             | 0<br>1<br>2<br>3                               | 3.5<br>4<br>5<br>6               | 3606<br>3607<br>3608<br>3609               |
| 100 cm   | green  | <b>TS-90</b><br>            | 1  | 4                                | 36257H                                     |
|  |  | straight cutting           |  |                                  |  |
| 75 cm<br>75 cm<br>75 cm<br>75 cm<br>75 cm          | green<br>green<br>green<br>green<br>green          | <b>RS-50</b><br>             | 3 - 0<br>2 - 0<br>0<br>1<br>2                  | 2<br>3<br>3.5<br>4<br>5          | 3834<br>3835<br>3836<br>3837<br>3838       |
| 75 cm  | green  | <b>RS-58</b><br>            | 2 - 0  | 3                                | 3845                                       |


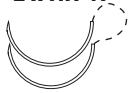



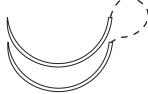
# Astralen / Polyester braided, coated

## Ophthalmic sutures











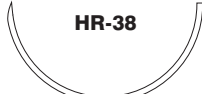
| Length         | Thread Colour  | Needle Code and Length in mm   | USP            | EP     | REF               |
|----------------|----------------|--|----------------|--------|-------------------|
| 45 cm<br>45 cm | green<br>white |  <b>2 x HSP 8</b><br><br>1/2 Circle, 8 mm long, spatula, 350 Microns, double-armed | 5 - 0<br>5 - 0 | 1<br>1 | 322085<br>322085W |
| 45 cm<br>45 cm | green<br>white |  <b>2 x KSP 8</b><br><br>1/4 Circle, 8 mm long, spatula, 350 Microns, double-armed | 5 - 0<br>5 - 0 | 1<br>1 | 332085<br>332085W |

## Astralen
















### Polyester braided white and green, coated, for valve replacement

| 1/2 circle taper (Round-Bodied), double-armed  |               |  |    |        |                |
|---|---------------|--|----|--------|----------------|
| Needle Code   | Thread Colour | USP  | EP | Length | REF            |
|  <b>2 x HR-17</b>                              | green & white | 2 - 0<br>5 green & 5 white braided sutures with 3x7x1.5mm oval firm pledget        | 3  | 75 cm  | CV 3875-37x10  |
|   | green & white | 2 - 0<br>5 green & 5 white braided sutures with 3x5x1.5mm oval firm pledget        | 3  | 75 cm  | CV 3875-35x10  |
|   | green & white | 2 - 0<br>5 green & 5 white braided sutures with 3x3x1.5mm oval firm pledget        | 3  | 75 cm  | CV 3875-33x10  |
|   | green & white | 2 - 0<br>5 green & 5 white braided sutures   | 3  | 75 cm  | CV 3875x10     |
|  <b>2 x HR-25</b>                              | green & white | 2 - 0<br>5 green & 5 white braided sutures with 3x7x1.5mm oval firm pledget        | 3  | 75 cm  | CV 38855-37x10 |
|   | green & white | 2 - 0<br>5 green & 5 white braided sutures   | 3  | 75 cm  | CV 38855x10    |
|   | green & white | 2 - 0<br>5 green & 5 white braided sutures   | 3  | 90 cm  | CV 38855Nx10   |
| 1/2 circle, cutting taper, double-armed      |               |  |    |        |                |
| Needle Code   | Thread Colour | USP  | EP | Length | REF            |
|  <b>2 x HSR-18</b>                             | green & white | 2 - 0<br>5 green & 5 white braided sutures with 3x7x1.5mm oval firm pledget        | 3  | 75 cm  | CV 3945-37x10  |
|   | green & white | 2 - 0<br>5 green & 5 white braided sutures with 3x3x1.5mm oval firm pledget        | 3  | 75 cm  | CV 3945-33x10  |
|   | green & white | 2 - 0<br>3 green & 3 white braided sutures with 2x4x1.5mm rectangular firm pledget | 3  | 75 cm  | CV 3945-24x6   |
|   | green & white | 2 - 0<br>5 green & 5 white braided sutures   | 3  | 75 cm  | CV 3945x10     |
|  <b>2 x HSR-25</b>                             | green & white | 2 - 0<br>5 green & 5 white braided sutures with 3x7x1.5mm oval firm pledget        | 3  | 75 cm  | CV 39485-37x10 |
|   | green & white | 2 - 0<br>5 green & 5 white braided sutures   | 3  | 75 cm  | CV 39485x10    |













# Silk black braided

| Length   | Thread Colour                                      | Needle Code and Length in mm  | USP  | EP                               | REF  |
|--|--|---|--|----------------------------------|--|
|  |  | 1/2 circle taper (Round-Bodied)  |  |                                  |  |
| 75 cm<br>75 cm                                     | black<br>black                                     | <b>HR-13</b><br>                   | 5 - 0<br>4 - 0                                 | 1<br>1.5                         | 601<br>602                                   |
| 75 cm<br>75 cm<br>75 cm<br>75 cm<br>75 cm          | black<br>black<br>black<br>black<br>black          | <b>HR-17</b><br>                   | 6 - 0<br>5 - 0<br>4 - 0<br>3 - 0<br>2 - 0      | 0.7<br>1<br>1.5<br>2<br>3        | 6231<br>603<br>604<br>605<br>6235            |
| 75 cm<br>75 cm<br>75 cm                            | black<br>black<br>black                            | <b>HR-20</b><br>                   | 4 - 0<br>3 - 0<br>2 - 0                        | 1.5<br>2<br>3                    | 62353<br>62354<br>62355                      |
| 75 cm<br>75 cm<br>75 cm<br>75 cm<br>75 cm<br>75 cm | black<br>black<br>black<br>black<br>black<br>black | <b>HR-22</b><br>                   | 6 - 0<br>5 - 0<br>4 - 0<br>3 - 0<br>2 - 0<br>0 | 0.7<br>1<br>1.5<br>2<br>3<br>3.5 | 6241<br>6242<br>606<br>607<br>6245<br>6246   |
| 75 cm<br>75 cm<br>75 cm                            | black<br>black<br>black                            | <b>HR-25</b><br>                 | 4 - 0<br>3 - 0<br>2 - 0                        | 1.5<br>2<br>3                    | 62453<br>62454<br>62455                      |
| 75 cm<br>75 cm<br>75 cm<br>75 cm<br>75 cm<br>75 cm | black<br>black<br>black<br>black<br>black<br>black | <b>HR-27</b><br>                 | 4 - 0<br>3 - 0<br>2 - 0<br>0<br>1<br>2         | 1.5<br>2<br>3<br>3.5<br>4<br>5   | 608<br>609<br>610<br>6256<br>6257<br>6258    |
| 75 cm<br>75 cm<br>75 cm<br>75 cm                   | black<br>black<br>black<br>black                   | <b>HR-30</b><br>                 | 3 - 0<br>2 - 0<br>0<br>1                       | 2<br>3<br>3.5<br>4               | 62554<br>62555<br>62556<br>62557             |
| 75 cm<br>75 cm<br>75 cm<br>75 cm<br>75 cm<br>75 cm | black<br>black<br>black<br>black<br>black<br>black | <b>HR-32</b><br>                 | 3 - 0<br>2 - 0<br>0<br>1<br>2<br>3             | 2<br>3<br>3.5<br>4<br>5<br>6     | 6264<br>6265<br>6266<br>6267<br>6268<br>6269 |
| 75 cm<br>75 cm<br>75 cm                            | black<br>black<br>black                            | <b>HR-35</b><br>                 | 2 - 0<br>0<br>1                                | 3<br>3.5<br>4                    | 62655<br>62656<br>62657                      |
| 75 cm<br>75 cm<br>75 cm<br>75 cm<br>75 cm<br>75 cm | black<br>black<br>black<br>black<br>black<br>black | <b>HR-38</b><br>                 | 3 - 0<br>2 - 0<br>0<br>1<br>2<br>3             | 2<br>3<br>3.5<br>4<br>5<br>6     | 611<br>612<br>613<br>6277<br>6278<br>6279    |














# Silk black braided

| Length | Thread Colour | Needle Code and Length in mm   | USP   | EP  | REF    |
|--------|---------------|--|-------|-----|--------|
|        |               | 1/2 circle taper (Round-Bodied)           |       |     |        |
| 75 cm  | black         | <br><b>HR-40</b>                            | 2 - 0 | 3   | 6285   |
| 75 cm  | black         |  | 0     | 3   | 6286   |
| 75 cm  | black         |  | 1     | 3   | 6287   |
| 75 cm  | black         |  | 2     | 3   | 6288   |
| 75 cm  | black         | <br><b>HR-50</b>                            | 2 - 0 | 3   | 6295   |
| 75 cm  | black         |  | 0     | 3.5 | 6296   |
| 75 cm  | black         |  | 1     | 4   | 6297   |
| 75 cm  | black         |  | 2     | 5   | 6298   |
| 100 cm | black         | <br><b>HR-55</b>                            | 2 - 0 | 3   | 62955H |
| 100 cm | black         |  | 0     | 3.5 | 62956H |
| 75 cm  | black         | <br><b>HR-65</b>                           | 1     | 4   | 62987  |
| 75 cm  | black         |  | 2     | 5   | 62988  |
| 75 cm  | black         |  | 3     | 6   | 62989  |
|        |               | 1/2 circle taper (Round-Bodied), heavy  |       |     |        |
| 75 cm  | black         | <br><b>HRG-32</b>                         | 1     | 4   | 63357  |
| 75 cm  | black         | <br><b>HRG-38</b>                         | 2 - 0 | 3   | 6345   |
| 75 cm  | black         |  | 0     | 3.5 | 6346   |
| 75 cm  | black         |  | 1     | 4   | 6347   |
| 75 cm  | black         |  | 2     | 5   | 6348   |
|        |               | 1/2 circle, reverse cutting             |       |     |        |
| 45 cm  | black         | <br><b>HS-12</b>                          | 5 - 0 | 1   | 6652F  |
| 45 cm  | black         |  | 4 - 0 | 1.5 | 6653F  |
| 75 cm  | black         | <br><b>HS-17</b>                          | 5 - 0 | 1   | 6672   |
| 75 cm  | black         |  | 4 - 0 | 1.5 | 6673   |
| 75 cm  | black         |  | 3 - 0 | 2   | 6674   |
| 75 cm  | black         |  | 2 - 0 | 3   | 6675   |
| 75 cm  | black         | <br><b>HS-19</b>                          | 5 - 0 | 1   | 6682   |
| 75 cm  | black         |  | 4 - 0 | 1.5 | 6683   |
| 75 cm  | black         |  | 3 - 0 | 2   | 6684   |
| 75 cm  | black         |  | 2 - 0 | 3   | 6685   |
| 75 cm  | black         | <br><b>HS-21</b>                          | 4 - 0 | 1.5 | 66843  |
| 75 cm  | black         |  | 3 - 0 | 2   | 66844  |
| 45 cm  | black         |  | 3 - 0 | 2   | 66844F |
| 75 cm  | black         |  | 2 - 0 | 3   | 66845  |
| 75 cm  | black         | <br><b>HS-22</b>                          | 3 - 0 | 2   | 66864  |
| 45 cm  | black         |  | 3 - 0 | 2   | 66864F |
| 75 cm  | black         | <br><b>HS-23</b>                          | 3 - 0 | 2   | 66904  |

# Silk black braided







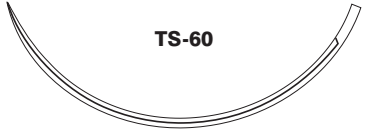
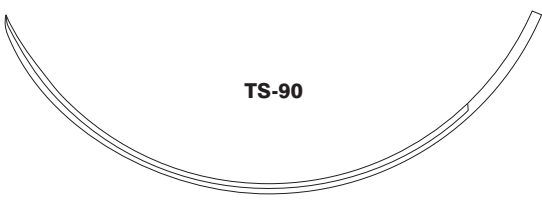



| Length                                    | Thread Colour                             | Needle Code and Length in mm  | USP                                   | EP                        | REF                                  |
|---|---|---|---------------------------------------|---------------------------|--------------------------------------|
|   |   | ½ circle, reverse cutting          |                                       |                           |                                      |
| 75 cm<br>75 cm<br>75 cm<br>75 cm<br>75 cm | black<br>black<br>black<br>black<br>black | <b>HS-24</b><br>                     | 5 - 0<br>4 - 0<br>3 - 0<br>2 - 0<br>0 | 1<br>1.5<br>2<br>3<br>3.5 | 6692<br>6693<br>6694<br>6695<br>6696 |
| 75 cm<br>75 cm<br>75 cm<br>75 cm          | black<br>black<br>black<br>black          | <b>HS-30</b><br>                     | 3 - 0<br>2 - 0<br>0<br>1              | 2<br>3<br>3.5<br>4        | 6714<br>6715<br>6716<br>6717         |
| 75 cm<br>75 cm<br>75 cm<br>75 cm<br>75 cm | black<br>black<br>black<br>black<br>black | <b>HS-38</b><br>                     | 2 - 0<br>0<br>1<br>2<br>3             | 3<br>3.5<br>4<br>5<br>6   | 6725<br>6726<br>6727<br>6728<br>6729 |
| 75 cm<br>75 cm                            | black<br>black                            | <b>HS-52</b><br>                    | 0<br>1                                | 3.5<br>4                  | 6746<br>6747                         |
|   |   | ½ circle cutting taper           |                                       |                           |                                      |
| 75 cm<br>75 cm<br>75 cm                   | black<br>black<br>black                   | <b>HSR-18</b><br>                  | 5 - 0<br>4 - 0<br>3 - 0               | 1<br>1.5<br>2             | 621<br>622<br>623                    |
| 75 cm<br>75 cm<br>75 cm                   | black<br>black<br>black                   | <b>HSR-27</b><br>                  | 4 - 0<br>3 - 0<br>2 - 0               | 1.5<br>2<br>3             | 624<br>625<br>626                    |
|   |   | ½ circle cutting taper, heavy    |                                       |                           |                                      |
| 75 cm                                     | black                                     | <b>HSRG-27</b><br>                 | 2 - 0                                 | 3                         | 63755                                |
|   |   | 3/8 circle taper (Round-Bodied)  |                                       |                           |                                      |
| 75 cm<br>75 cm<br>75 cm<br>75 cm          | black<br>black<br>black<br>black          | <b>TR-13</b><br>                   | 6 - 0<br>5 - 0<br>4 - 0<br>3 - 0      | 0.7<br>1<br>1.5<br>2      | 632<br>633<br>6423<br>6424           |
|   |   |   |                                       |                           |                                      |

# Silk black braided





| Length | Thread Colour | Needle Code and Length in mm   | USP   | EP  | REF   |
|--------|---------------|--|-------|-----|-------|
|        |               | 3/8 circle, taper (Round-Bodied)  |       |     |       |
| 75 cm  | black         | <b>TR-17</b><br>                    | 5 - 0 | 1   | 634   |
| 75 cm  | black         |  | 4 - 0 | 1.5 | 635   |
| 75 cm  | black         |  | 3 - 0 | 2   | 636   |
| 75 cm  | black         |  | 2 - 0 | 3   | 6435  |
| 75 cm  | black         | <b>TR-22</b><br>                    | 5 - 0 | 1   | 6442  |
| 75 cm  | black         |  | 4 - 0 | 1.5 | 6443  |
| 75 cm  | black         |  | 3 - 0 | 2   | 6444  |
| 75 cm  | black         |  | 2 - 0 | 3   | 6445  |
| 75 cm  | black         |  | 0     | 3.5 | 6446  |
| 75 cm  | black         | <b>TR-27</b><br>                    | 3 - 0 | 2   | 6454  |
| 75 cm  | black         |  | 2 - 0 | 3   | 6455  |
| 75 cm  | black         |  | 0     | 3.5 | 6456  |
| 75 cm  | black         |  | 1     | 4   | 6457  |
| 75 cm  | black         | <b>TR-32</b><br>                    | 3 - 0 | 2   | 6464  |
| 75 cm  | black         |  | 2 - 0 | 3   | 6465  |
| 75 cm  | black         |  | 0     | 3.5 | 6466  |
| 75 cm  | black         |  | 1     | 4   | 6467  |
| 75 cm  | black         |  | 2     | 5   | 6468  |
| 75 cm  | black         | <b>TR-38</b><br>                  | 2 - 0 | 3   | 6475  |
| 75 cm  | black         |  | 0     | 3.5 | 6476  |
| 75 cm  | black         |  | 1     | 4   | 6477  |
| 75 cm  | black         |  | 2     | 5   | 6478  |
|        |               | 3/8 circle, reverse cutting     |       |     |       |
| 45 cm  | black         | <b>TS-12</b><br>                  | 6 - 0 | 0.7 | 643F  |
| 45 cm  | black         |  | 5 - 0 | 1   | 644F  |
| 75 cm  | black         |  | 5 - 0 | 1   | 644   |
| 45 cm  | black         |  | 4 - 0 | 1.5 | 645F  |
| 75 cm  | black         |  | 4 - 0 | 1.5 | 645   |
| 75 cm  | black         | <b>TS-15</b><br>                  | 6 - 0 | 0.7 | 6531  |
| 75 cm  | black         |  | 5 - 0 | 1   | 6532  |
| 75 cm  | black         |  | 4 - 0 | 1.5 | 6533  |
| 75 cm  | black         |  | 3 - 0 | 2   | 6534  |
| 75 cm  | black         |  | 2 - 0 | 3   | 6535  |
| 75 cm  | black         | <b>TS-17</b><br>                  | 6 - 0 | 0.7 | 659   |
| 75 cm  | black         |  | 5 - 0 | 1   | 660   |
| 75 cm  | black         |  | 4 - 0 | 1.5 | 6543  |
| 75 cm  | black         |  | 3 - 0 | 2   | 6544  |
| 75 cm  | black         |  | 2 - 0 | 3   | 6545  |
| 75 cm  | black         | <b>TS-19</b><br>                  | 5 - 0 | 1   | 646   |
| 75 cm  | black         |  | 4 - 0 | 1.5 | 647   |
| 75 cm  | black         |  | 3 - 0 | 2   | 648   |
| 75 cm  | black         |  | 2 - 0 | 3   | 6555  |
| 75 cm  | black         | <b>TS-22</b><br>                  | 3 - 0 | 2   | 65544 |
| 75 cm  | black         | <b>TS-24</b><br>                  | 4 - 0 | 1.5 | 649   |
| 75 cm  | black         |  | 3 - 0 | 2   | 650   |
| 75 cm  | black         |  | 2 - 0 | 3   | 651   |
| 75 cm  | black         |  | 0     | 3.5 | 6566  |



# Silk black braided




| Length | Thread Colour | Needle Code and Length in mm   | USP   | EP  | REF    |
|--------|---------------|--|-------|-----|--------|
|        |               | 3/8 circle, reverse cutting                 |       |     |        |
| 75 cm  | black         | <b>TS-27</b><br>                              | 4 - 0 | 1.5 | 652    |
| 75 cm  | black         |  | 3 - 0 | 2   | 653    |
| 75 cm  | black         |  | 2 - 0 | 3   | 654    |
| 75 cm  | black         |  | 0     | 3.5 | 6576   |
| 75 cm  | black         |  | 1     | 4   | 6577   |
| 75 cm  | black         | <b>TS-30</b><br>                              | 4 - 0 | 1.5 | 6583   |
| 75 cm  | black         |  | 3 - 0 | 2   | 655    |
| 75 cm  | black         |  | 2 - 0 | 3   | 656    |
| 75 cm  | black         |  | 0     | 3.5 | 6586   |
| 75 cm  | black         |  | 1     | 4   | 6587   |
| 75 cm  | black         | <b>TS-35</b><br>                              | 3 - 0 | 2   | 65854  |
| 75 cm  | black         |  | 2 - 0 | 3   | 65855  |
| 75 cm  | black         |  | 0     | 3.5 | 65856  |
| 75 cm  | black         |  | 1     | 4   | 65857  |
| 75 cm  | black         | <b>TS-38</b><br>                             | 3 - 0 | 2   | 657    |
| 75 cm  | black         |  | 2 - 0 | 3   | 658    |
| 75 cm  | black         |  | 0     | 3.5 | 6596   |
| 75 cm  | black         |  | 1     | 4   | 6597   |
| 75 cm  | black         | <b>TS-45</b><br>                            | 0     | 3.5 | 6606   |
| 75 cm  | black         |  | 1     | 4   | 6607   |
| 75 cm  | black         |  | 2     | 5   | 6608   |
| 75 cm  | black         | <b>TS-60</b><br>                            | 0     | 3.5 | 6626   |
| 75 cm  | black         |  | 1     | 4   | 6627   |
| 75 cm  | black         |  | 2     | 5   | 6628   |
| 100 cm | black         | <b>TS-90</b><br>                           | 2 - 0 | 3   | 66255H |
| 100 cm | black         |  | 0     | 3.5 | 66256H |
| 100 cm | black         |  | 1     | 4   | 66257H |
| 100 cm | black         |  | 2     | 5   | 66258H |
|        |               | 3/8 circle reverse cutting, double-armed  |       |     |        |
| 45 cm  | black         | <b>2 x TS-12</b><br>                        | 6 - 0 | 0.7 | 947F   |
| 45 cm  | black         |  | 5 - 0 | 1   | 948F   |
| 45 cm  | black         |  | 4 - 0 | 1.5 | 949F   |
| 38 cm  | black         | <b>2 x TS-17</b><br>                        | 5 - 0 | 1   | 6152TE |
| 38 cm  | black         |  | 4 - 0 | 1.5 | 6153TE |
| 38 cm  | black         |  | 3 - 0 | 2   | 6154TE |
|        |               |  |       |     |        |

## Silk black braided

| Length                           | Thread Colour                    | Needle Code and Length in mm   | USP                          | EP                   | REF                          |
|----------------------------------|----------------------------------|--|------------------------------|----------------------|------------------------------|
|                                  |                                  | straight cutting  |                              |                      |                              |
| 75 cm<br>75 cm<br>75 cm<br>75 cm | black<br>black<br>black<br>black | <b>RS-50</b><br>    | 4 - 0<br>3 - 0<br>2 - 0<br>0 | 1.5<br>2<br>3<br>3.5 | 6833<br>6834<br>6835<br>6836 |
| 75 cm<br>75 cm<br>75 cm          | black<br>black<br>black          | <b>RS-58</b><br>   | 2 - 0<br>0<br>1              | 3<br>3.5<br>4        | 6845<br>6846<br>6847         |
| 100 cm<br>100 cm<br>100 cm       | black<br>black<br>black          | <b>RS-75</b><br>   | 2 - 0<br>0<br>1              | 3<br>3.5<br>4        | 6855H<br>6856H<br>6857H      |

## Ophthalmic sutures

### Micropoint-Spatula needles on Blue Virgin Silk

| Length | Thread Colour | Needle Code and Length in mm   | USP   | EP  | REF    |
|--------|---------------|--|-------|-----|--------|
| 30 cm  | blue          | <b>2 x TSP 6</b><br><br>Curved, 6,2 mm long, spatula, 150 microns, double-armed | 8 - 0 | 0.4 | 684568 |
| 45 cm  | blue          | <b>2 x TSP 7</b><br><br>Curved, 6,4 mm long, spatula, 200 microns, double-armed | 8 - 0 | 0.4 | 686688 |
| 30 cm  | blue          | <b>2 x HSP 8</b><br><br>½ circle, 8 mm long, spatula, 200 microns, double-armed | 8 - 0 | 0.4 | 622668 |













# Assut sutures

# Silk black braided











| Pre-cut sutures without needle |               |       |     |       |
|--------------------------------|---------------|-------|-----|-------|
| Number of Strands x Length     | Thread Colour | USP   | EP  | REF   |
| 1 x 100 cm                     | black         | 6 - 0 | 0.7 | 691   |
| 1 x 100 cm                     | black         | 5 - 0 | 1   | 692   |
| 1 x 100 cm                     | black         | 4 - 0 | 1.5 | 693   |
| 1 x 100 cm                     | black         | 3 - 0 | 2   | 694   |
| 1 x 100 cm                     | black         | 2 - 0 | 3   | 695   |
| 1 x 100 cm                     | black         | 0     | 3.5 | 696   |
| 1 x 100 cm                     | black         | 1     | 4   | 697   |
| 1 x 100 cm                     | black         | 2     | 5   | 698   |
| 1 x 100 cm                     | black         | 3     | 6   | 699   |
| 1 x 150 cm                     | black         | 3 - 0 | 2   | 60034 |
| 1 x 150 cm                     | black         | 2 - 0 | 3   | 60035 |
| 1 x 150 cm                     | black         | 0     | 3.5 | 60036 |
| 1 x 180 cm                     | black         | 4 - 0 | 1.5 | 60043 |
| 1 x 180 cm                     | black         | 3 - 0 | 2   | 60044 |
| 1 x 180 cm                     | black         | 2 - 0 | 3   | 60045 |
| 1 x 180 cm                     | black         | 0     | 3.5 | 60046 |
| 1 x 180 cm                     | black         | 1     | 4   | 60047 |
| 5 x 75 cm                      | black         | 4 - 0 | 1.5 | 681   |
| 5 x 75 cm                      | black         | 3 - 0 | 2   | 682   |
| 5 x 75 cm                      | black         | 2 - 0 | 3   | 683   |
| 5 x 75 cm                      | black         | 0     | 3.5 | 684   |
| 5 x 75 cm                      | black         | 1     | 4   | 685   |
| 17 x 50 cm                     | black         | 5 - 0 | 1   | 671   |
| 17 x 50 cm                     | black         | 4 - 0 | 1.5 | 672   |
| 17 x 50 cm                     | black         | 3 - 0 | 2   | 673   |
| 17 x 50 cm                     | black         | 2 - 0 | 3   | 674   |
| 17 x 50 cm                     | black         | 0     | 3.5 | 675   |
| 17 x 50 cm                     | black         | 1     | 4   | 676   |
| 17 x 50 cm                     | black         | 2     | 5   | 677   |
| 13 x 60 cm                     | black         | 6 - 0 | 0.7 | 60001 |
| 13 x 60 cm                     | black         | 5 - 0 | 1   | 60002 |
| 13 x 60 cm                     | black         | 4 - 0 | 1.5 | 60003 |
| 13 x 60 cm                     | black         | 3 - 0 | 2   | 60004 |
| 13 x 60 cm                     | black         | 2 - 0 | 3   | 60005 |
| 13 x 60 cm                     | black         | 0     | 3.5 | 60006 |
| 13 x 60 cm                     | black         | 1     | 4   | 60007 |
| 13 x 60 cm                     | black         | 2     | 5   | 60008 |

**Assut sutures**





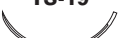
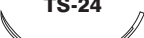






# Monofil Nylon / Polyamide blue

| Length  | Thread Colour                                | Needle Code and Length in mm   | USP                                | EP                             | REF   |
|---|--|--|------------------------------------|--------------------------------|---|
|   |  | ½ circle taper (Round-Bodied)           |                                    |                                |   |
| 75 cm<br>75 cm<br>75 cm<br>100 cm<br>100 cm<br>100 cm | blue<br>blue<br>blue<br>blue<br>blue<br>blue | <b>HR-30</b><br>                          | 2 - 0<br>0<br>1<br>2 - 0<br>0<br>1 | 3<br>3.5<br>4<br>3<br>3.5<br>4 | 52555<br>52556<br>52557<br>52555H<br>52556H<br>52557H |
| 100 cm<br>100 cm<br>100 cm                            | blue<br>blue<br>blue                         | <b>HR-32</b><br>                          | 2 - 0<br>0<br>1                    | 3<br>3.5<br>4                  | 5265H<br>5266H<br>5267H                               |
| 100 cm<br>100 cm                                      | blue<br>blue                                 | <b>HR-38</b><br>                          | 0<br>1                             | 3.5<br>4                       | 5276H<br>5277H  |
| 75 cm<br>75 cm<br>100 cm<br>100 cm                    | blue<br>blue<br>blue<br>blue                 | <b>HR-40</b><br>                          | 0<br>1<br>0<br>1                   | 3.5<br>4<br>3.5<br>4           | 5286<br>5287<br>5286H<br>5287H                        |
| 75 cm<br>75 cm<br>100 cm<br>100 cm                    | blue<br>blue<br>blue<br>blue                 | <b>HR-45</b><br>                        | 0<br>1<br>0<br>1                   | 3.5<br>4<br>3.5<br>4           | 52856<br>52857<br>52856H<br>52857H                    |
| 100 cm<br>100 cm                                      | blue<br>blue                                 | <b>HR-50</b><br>                        | 1<br>2                             | 4<br>5                         | 5297H<br>5298H  |
|   |  | ½ circle taper (Round-Bodied), heavy  |                                    |                                |   |
| 150 cm Loop<br>150 cm Loop                            | blue<br>blue                                 | <b>HRG-32</b><br>                       | 2 - 0<br>0                         | 3<br>3.5                       | 53355HF<br>53356HF                                    |
| 150 cm Loop<br>150 cm Loop<br>150 cm Loop             | blue<br>blue<br>blue                         | <b>HRG-38</b><br>                       | 2 - 0<br>0<br>1                    | 3<br>3.5<br>4                  | 5345HF<br>5346HF<br>5347HF                            |
| 150 cm Loop<br>150 cm Loop<br>150 cm Loop             | blue<br>blue<br>blue                         | <b>HRG-40</b><br>                       | 2 - 0<br>0<br>1                    | 3<br>3.5<br>4                  | 53415HF<br>53416HF<br>53417HF                         |
| 150 cm Loop<br>150 cm Loop                            | blue<br>blue                                 | <b>HRG-50</b><br>                       | 0<br>1                             | 3.5<br>4                       | 53436HF<br>53437HF                                    |
|   |  |  |                                    |                                |   |


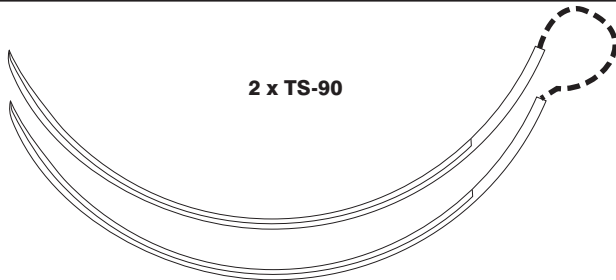

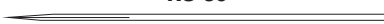
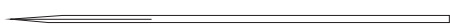
# Monofil Nylon / Polyamide blue

| Length                           | Thread Colour                | Needle Code and Length in mm  | USP                              | EP                 | REF                               |
|----------------------------------|------------------------------|---|----------------------------------|--------------------|-----------------------------------|
|                                  |                              | ½ circle, reverse cutting  |                                  |                    |                                   |
| 75 cm<br>75 cm<br>75 cm          | blue<br>blue<br>blue         | <b>HS-17</b><br>             | 5 - 0<br>4 - 0<br>3 - 0          | 1<br>1.5<br>2      | 5672<br>5673<br>5674              |
| 75 cm<br>75 cm                   | blue<br>blue                 | <b>HS-19</b><br>             | 4 - 0<br>3 - 0                   | 1.5<br>2           | 5683<br>5684                      |
| 75 cm<br>75 cm<br>45 cm<br>75 cm | blue<br>blue<br>blue<br>blue | <b>HS-21</b><br>             | 4 - 0<br>3 - 0<br>3 - 0<br>2 - 0 | 1.5<br>2<br>2<br>3 | 56843<br>56844<br>56844F<br>56845 |
| 75 cm<br>75 cm                   | blue<br>blue                 | <b>HS-24</b><br>             | 3 - 0<br>2 - 0                   | 2<br>3             | 5694<br>5695                      |
| 75 cm<br>75 cm<br>75 cm          | blue<br>blue<br>blue         | <b>HS-30</b><br>           | 3 - 0<br>2 - 0<br>0              | 2<br>3<br>3.5      | 5714<br>5715<br>5716              |
| 75 cm<br>75 cm<br>75 cm          | blue<br>blue<br>blue         | <b>HS-35</b><br>           | 3 - 0<br>2 - 0<br>0              | 2<br>3<br>3.5      | 57014<br>57015<br>57016           |
| 75 cm<br>75 cm<br>75 cm<br>75 cm | blue<br>blue<br>blue<br>blue | <b>HS-38</b><br>           | 3 - 0<br>2 - 0<br>0<br>1         | 2<br>3<br>3.5<br>4 | 5724<br>5725<br>5726<br>5727      |
| 75 cm<br>100 cm<br>100 cm        | blue<br>blue<br>blue         | <b>HS-40</b><br>           | 0<br>1<br>2                      | 3.5<br>4<br>5      | 5736<br>5737H<br>5738H            |
| 100 cm<br>100 cm                 | blue<br>blue                 | <b>HS-52</b><br>           | 0<br>1                           | 3.5<br>4           | 5746H<br>5747H                    |
|                                  |                              |   |                                  |                    |                                   |



# Monofil Nylon / Polyamide blue

| Length                                    | Thread Colour                        | Needle Code and Length in mm  | USP                                       | EP                        | REF                                  |
|---|--------------------------------------|---|---|---------------------------|--------------------------------------|
|   |                                      | 3/8 circle, reverse cutting  |   |                           |                                      |
| 45 cm<br>45 cm<br>45 cm                   | blue<br>blue<br>blue                 | <b>TS-12</b><br>               | 6 - 0<br>5 - 0<br>4 - 0                   | 0.7<br>1<br>1.5           | 501F<br>502F<br>503F                 |
| 45 cm<br>75 cm<br>75 cm<br>75 cm          | blue<br>blue<br>blue<br>blue         | <b>TS-15</b><br>               | 6 - 0<br>6 - 0<br>5 - 0<br>4 - 0          | 0.7<br>0.7<br>1<br>1.5    | 5531F<br>5531<br>5532<br>5533        |
| 75 cm<br>75 cm<br>75 cm<br>75 cm<br>75 cm | blue<br>blue<br>blue<br>blue<br>blue | <b>TS-17</b><br>               | 6 - 0<br>5 - 0<br>4 - 0<br>3 - 0<br>2 - 0 | 0.7<br>1<br>1.5<br>2<br>3 | 5541<br>504<br>505<br>5544<br>5545   |
| 75 cm<br>75 cm<br>45 cm<br>75 cm<br>75 cm | blue<br>blue<br>blue<br>blue<br>blue | <b>TS-19</b><br>               | 5 - 0<br>4 - 0<br>4 - 0<br>3 - 0<br>2 - 0 | 1<br>1.5<br>1.5<br>2<br>3 | 506<br>507<br>507F<br>508<br>5555    |
| 75 cm<br>75 cm<br>75 cm                   | blue<br>blue<br>blue                 | <b>TS-24</b><br>             | 4 - 0<br>3 - 0<br>2 - 0                   | 1.5<br>2<br>3             | 509<br>510<br>5565                   |
| 75 cm<br>75 cm<br>45 cm<br>75 cm          | blue<br>blue<br>blue<br>blue         | <b>TS-27</b><br>             | 4 - 0<br>3 - 0<br>3 - 0<br>2 - 0          | 1.5<br>2<br>2<br>3        | 511<br>512<br>512F<br>5575           |
| 75 cm<br>75 cm<br>75 cm                   | blue<br>blue<br>blue                 | <b>TS-30</b><br>             | 3 - 0<br>2 - 0<br>0                       | 2<br>3<br>3.5             | 513<br>514<br>5586                   |
| 75 cm<br>75 cm<br>75 cm<br>75 cm          | blue<br>blue<br>blue<br>blue         | <b>TS-38</b><br>             | 3 - 0<br>2 - 0<br>0<br>1                  | 2<br>3<br>3.5<br>4        | 515<br>516<br>5596<br>5597           |
| 75 cm<br>100 cm<br>75 cm<br>75 cm         | blue<br>blue<br>blue<br>blue         | <b>TS-45</b><br>             | 2 - 0<br>2 - 0<br>0<br>1                  | 3<br>3<br>3.5<br>4        | 517<br>517H<br>5606<br>5607          |
| 75 cm<br>100 cm<br>75 cm<br>75 cm         | blue<br>blue<br>blue<br>blue         | <b>TS-60</b><br>            | 2 - 0<br>2 - 0<br>0<br>1                  | 3<br>3<br>3.5<br>4        | 5625<br>5625H<br>5626<br>5627        |
| 100 cm<br>100 cm<br>100 cm<br>100 cm      | blue<br>blue<br>blue<br>blue         | <b>TS-90</b><br>            | 2 - 0<br>0<br>1<br>2                      | 3<br>3.5<br>4<br>5        | 56255H<br>56256H<br>56257H<br>56258H |




# Monofil Nylon / Polyamide blue

| Length                            | Thread Colour                | Needle Code and Length in mm   | USP                          | EP                 | REF                           |
|-----------------------------------|------------------------------|--|------------------------------|--------------------|-------------------------------|
|                                   |                              | 3/8 circle cutting, double-armed  |                              |                    |                               |
| 100 cm<br>100 cm                  | blue<br>blue                 | <b>2 x TS-90</b><br>               | 0<br>1                       | 3.5<br>4           | 51796H<br>51797H              |
|                                   |                              | straight cutting                  |                              |                    |                               |
| 75 cm<br>75 cm<br>75 cm           | blue<br>blue<br>blue         | <b>RS-50</b><br>                    | 3 - 0<br>2 - 0<br>0          | 2<br>3<br>3.5      | 5834<br>5835<br>5836          |
| 75 cm<br>75 cm<br>100 cm<br>75 cm | blue<br>blue<br>blue<br>blue | <b>RS-58</b><br>                   | 3 - 0<br>2 - 0<br>2 - 0<br>0 | 2<br>3<br>3<br>3.5 | 5844<br>5845<br>5845H<br>5846 |





















## Ophthalmic sutures Black Monofilament Nylon

| Length         | Thread Colour  | Needle Code and Length in mm  | USP             | EP         | REF              |
|----------------|----------------|---|-----------------|------------|------------------|
| 30 cm          | black          | <b>2 x TSP 6</b><br><br>Curved, 6,2 mm long, spatula 150 microns, double armed | 10 - 0          | 0.2        | 584560           |
| 30 cm<br>30 cm | black<br>black | <b>2 x TSP 7</b><br><br>Curved, 6,4 mm long, spatula 200 microns, double armed | 10 - 0<br>9 - 0 | 0.2<br>0.3 | 586660<br>586669 |

## Microsurgical sutures














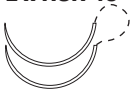




| Length | Thread Colour | Needle Code and Length in mm   | USP    | EP  | REF    |
|--------|---------------|--|--------|-----|--------|
| 13 cm  | black         | <b>TRM 4</b><br><br>Curved, chord 3 mm, 4 mm long, taper<br>100 microns, Micropoint | 10 - 0 | 0.2 | 541320 |
| 13 cm  | black         | <b>TRM 5</b><br><br>Curved, chord 3 mm, 5 mm long, taper<br>100 microns, Micropoint | 10 - 0 | 0.2 | 543320 |
| 13 cm  | black         | <b>RRM 4</b><br><br>Straight, 4 mm long, taper<br>75 microns, Micropoint            | 10 - 0 | 0.2 | 535220 |

# Polypropylene blue















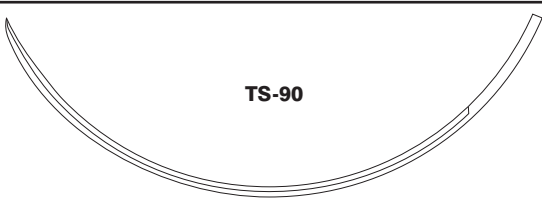
| Length   | Thread Colour | Needle Code and Length in mm   | USP             | EP  | REF           |
|--|---------------|--|-----------------|-----|---------------|
| <b>½ circle taper (Round-Bodied)</b>                              |               |  |                 |     |               |
| 75 cm  | blue          | <b>HR-13</b><br>        | 5 - 0           | 1   | 9202          |
| 75 cm  | blue          | <b>HR-17</b><br>        | 5 - 0           | 1   | 9232          |
| 75 cm  | blue          |  | 4 - 0           | 1.5 | 9233          |
| 75 cm  | blue          |  | 3 - 0           | 2   | 9234          |
| 75 cm  | blue          | <b>HR-20</b><br>        | 3 - 0           | 2   | 92354         |
| 75 cm  | blue          | <b>HR-22</b><br>        | 4 - 0           | 1.5 | 9243          |
| 75 cm  | blue          |  | 3 - 0           | 2   | 9244          |
| 75 cm  | blue          | <b>HR-25</b><br>        | 3 - 0           | 2   | 92454         |
| 75 cm  | blue          |  | 2 - 0           | 3   | 92455         |
| 75 cm  | blue          |  | 0               | 3.5 | 92456         |
| 75 cm  | blue          | <b>HR-27</b><br>        | 3 - 0           | 2   | 9254          |
| 75 cm  | blue          |  | 2 - 0           | 3   | 9255          |
| 75 cm  | blue          |  | 0               | 3.5 | 9256          |
| 75 cm  | blue          | <b>HR-30</b><br>        | 0               | 3.5 | 92556         |
| 75 cm  | blue          |  | 1               | 4   | 92557         |
| 75 cm  | blue          | <b>HR-40</b><br>        | 0               | 3.5 | 9286          |
| 75 cm  | blue          |  | 1               | 4   | 9287          |
| <b>½ circle taper (Round-Bodied), heavy</b>                     |               |  |                 |     |               |
| 75 cm  | blue          | <b>HRG-38</b><br>     | 0               | 3.5 | 9346          |
| 75 cm  | blue          |  | 1               | 4   | 9347          |
| 100 cm   | blue          |  | 1               | 4   | 9347H         |
| 75 cm  | blue          | <b>HRG-40</b><br>     | 0               | 3.5 | 93416         |
| 75 cm  | blue          |  | 1               | 4   | 93417         |
| 100 cm   | blue          |  | 1               | 4   | 93417H        |
| <b>½ circle taper (Round-Bodied), double-armed, Micropoint</b>  |               |  |                 |     |               |
| 60 cm  | blue          | <b>2 x HRM-13</b><br> | 250 Mi<br>7 - 0 | 0.5 | 908807        |
| 60 cm  | blue          |  | 300 Mi<br>6 - 0 | 0.7 | 908906        |
| 75 cm  | blue          |  | 350 Mi<br>5 - 0 | 1   | 908095        |
| <b>½ circle taper (Round-Bodied), double-armed</b>              |               |  |                 |     |               |
| 75 cm  | blue          | <b>2 x HR-13</b><br>  | 6 - 0           | 0.7 | <b>9861</b>   |
| 75 cm  | blue          |  | 5 - 0           | 1   | <b>9862</b>   |
| 60 cm  | blue          |  | 5 - 0           | 1   | <b>9862S</b>  |
| 90 cm  | blue          | <b>2 x HR-17</b><br>  | 5 - 0           | 1   | <b>9872N</b>  |
| 90 cm  | blue          |  | 4 - 0           | 1.5 | <b>9873N</b>  |
| 90 cm  | blue          |  | 3 - 0           | 2   | <b>9874N</b>  |
| 90 cm  | blue          | <b>2 x HR-20</b><br>  | 4 - 0           | 1.5 | <b>98753N</b> |
| 90 cm  | blue          |  | 3 - 0           | 2   | <b>98754N</b> |
| 90 cm  | blue          | <b>2 x HR-22</b><br>  | 4 - 0           | 1.5 | <b>9883N</b>  |
| 90 cm  | blue          | <b>2 x HR-25</b><br>  | 4 - 0           | 1.5 | <b>98853N</b> |
| 90 cm  | blue          |  | 3 - 0           | 2   | <b>98854N</b> |
| 90 cm  | blue          |  | 2 - 0           | 3   | <b>98855N</b> |











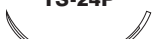
# Polypropylene blue

| Length                           | Thread Colour                | Needle Code and Length in mm   | USP                              | EP                 | REF  |
|----------------------------------|------------------------------|--|----------------------------------|--------------------|--|
|                                  |                              | <b>½ circle, reverse cutting</b>                |                                  |                    |  |
| 75 cm<br>75 cm                   | blue<br>blue                 | <b>HS-17</b><br>                                  | 5 - 0<br>4 - 0                   | 1<br>1.5           | <b>9672</b><br><b>9673</b>                 |
| 45 cm                            | blue                         | <b>HS-21</b><br>                                  | 3 - 0                            | 2                  | 96844F                                     |
| 75 cm<br>75 cm                   | blue<br>blue                 | <b>HS-24</b><br>                                  | 3 - 0<br>2 - 0                   | 2<br>3             | <b>9694</b><br><b>9695</b>                 |
| 75 cm<br>100 cm<br>75 cm         | blue<br>blue<br>blue         | <b>HS-38</b><br>                                  | 0<br>0<br>1                      | 3.5<br>3.5<br>4    | <b>9726</b><br><b>9726H</b><br><b>9727</b> |
| 75 cm<br>75 cm<br>100 cm         | blue<br>blue<br>blue         | <b>HS-52</b><br>                                  | 0<br>1<br>1                      | 3.5<br>4<br>4      | <b>9746</b><br><b>9747</b><br><b>9747H</b> |
|                                  |                              | <b>½ circle, cutting taper</b>                  |                                  |                    |  |
| 75 cm<br>75 cm                   | blue<br>blue                 | <b>HSR-18</b><br>                                | 5 - 0<br>4 - 0                   | 1<br>1.5           | 9362<br>9363                               |
| 75 cm<br>75 cm                   | blue<br>blue                 | <b>HSR-25</b><br>                               | 3 - 0<br>2 - 0                   | 2<br>3             | 93664<br>93665                             |
| 75 cm<br>75 cm<br>100 cm         | blue<br>blue<br>blue         | <b>HSR-38</b><br>                               | 0<br>1<br>1                      | 3.5<br>4<br>4      | 9386<br>9387<br>9387H                      |
|                                  |                              | <b>½ circle cutting taper, heavy,</b>         |                                  |                    |  |
| 100 cm                           | blue                         | <b>HSRG-45</b><br>                              | 1                                | 4                  | 93957H                                     |
|                                  |                              | <b>½ circle, cutting taper, double-armed</b>  |                                  |                    |  |
| 90 cm<br>90 cm<br>90 cm<br>90 cm | blue<br>blue<br>blue<br>blue | <b>2 x HSR-18</b><br>                           | 5 - 0<br>4 - 0<br>3 - 0<br>2 - 0 | 1<br>1.5<br>2<br>3 | 9942N<br>9943N<br>9944N<br>9945N           |
| 90 cm<br>90 cm<br>90 cm          | blue<br>blue<br>blue         | <b>2 x HSR-25</b><br>                           | 4 - 0<br>3 - 0<br>2 - 0          | 1.5<br>2<br>3      | 99483N<br>99484N<br>99485N                 |
|                                  |                              | <b>3/8 circle, taper (Round-Bodied)</b>       |                                  |                    |  |
| 75 cm<br>75 cm<br>75 cm          | blue<br>blue<br>blue         | <b>TR-13</b><br>                                | 6 - 0<br>5 - 0<br>4 - 0          | 0.7<br>1<br>1.5    | 9421<br>9422<br>9423                       |
| 75 cm<br>75 cm                   | blue<br>blue                 | <b>TR-17</b><br>                                | 5 - 0<br>4 - 0                   | 1<br>1.5           | 9432<br>9433                               |


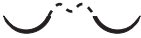




# Polypropylene blue

| Length  | Thread Colour  | Needle Code and Length in mm  | USP   | EP                                  | REF   |
|---|--|---|---|-------------------------------------|---|
|   |  | 3/8 circle, taper (Round-Bodied),<br>double-armed, Micropoint          |   |                                     |   |
| 60 cm<br>75 cm<br>75 cm                                     | blue<br>blue<br>blue                                 | <b>2 x TRM-13</b><br><br><b>250 Mi</b><br><b>300 Mi</b><br><b>350 Mi</b> | 7 - 0<br>6 - 0<br>5 - 0                                     | 0.5<br>0.7<br>1                     | 960807<br>960996<br>960095                              |
|   |  | 3/8 circle, taper (Round-Bodied),<br>double-armed,                     |   |                                     |   |
| 75 cm<br>60 cm<br>75 cm<br>90 cm                            | blue<br>blue<br>blue<br>blue                         | <b>2 x TR-13</b><br>   | 6 - 0<br>6 - 0<br>5 - 0<br>5 - 0                            | 0.7<br>0.7<br>1<br>1                | 9991<br>9991S<br>9992<br>9992N                          |
| 90 cm<br>75 cm<br>90 cm                                     | blue<br>blue<br>blue                                 | <b>2 x TR-17</b><br>   | 5 - 0<br>4 - 0<br>4 - 0                                     | 1<br>1.5<br>1.5                     | 9122N<br>9123<br>9123N                                  |
|   |  | 3/8 circle, reverse cutting    |   |                                     |   |
| 45 cm<br>45 cm<br>45 cm<br>45 cm                            | blue<br>blue<br>blue<br>blue                         | <b>TS-15</b><br>   | 6 - 0<br>5 - 0<br>4 - 0<br>3 - 0                            | 0.7<br>1<br>1.5<br>2                | 9531F<br>9532F<br>9533F<br>9534F                        |
| 45 cm<br>45 cm<br>45 cm<br>45 cm                            | blue<br>blue<br>blue<br>blue                         | <b>TS-17</b><br>  | 6 - 0<br>5 - 0<br>4 - 0<br>3 - 0                            | 0.7<br>1<br>1.5<br>2                | 9541F<br>9542F<br>9543F<br>9544F                        |
| 75 cm<br>45 cm<br>75 cm<br>45 cm<br>75 cm<br>45 cm<br>75 cm | blue<br>blue<br>blue<br>blue<br>blue<br>blue<br>blue | <b>TS-19</b><br>   | 5 - 0<br>5 - 0<br>4 - 0<br>4 - 0<br>3 - 0<br>3 - 0<br>2 - 0 | 1<br>1<br>1.5<br>1.5<br>2<br>2<br>3 | 9552<br>9552F<br>9553<br>9553F<br>9554<br>9554F<br>9555 |
| 75 cm<br>45 cm<br>75 cm<br>45 cm<br>75 cm<br>75 cm          | blue<br>blue<br>blue<br>blue<br>blue<br>blue         | <b>TS-24</b><br>   | 4 - 0<br>4 - 0<br>3 - 0<br>3 - 0<br>2 - 0<br>0              | 1.5<br>1.5<br>2<br>2<br>3<br>3.5    | 9563<br>9563F<br>9564<br>9564F<br>9565<br>9566          |
| 75 cm<br>45 cm<br>75 cm<br>45 cm<br>75 cm                   | blue<br>blue<br>blue<br>blue<br>blue                 | <b>TS-27</b><br>   | 4 - 0<br>4 - 0<br>3 - 0<br>3 - 0<br>2 - 0                   | 1.5<br>1.5<br>2<br>2<br>3           | 9573<br>9573F<br>9574<br>9574F<br>9575                  |
| 75 cm<br>75 cm<br>75 cm<br>75 cm                            | blue<br>blue<br>blue<br>blue                         | <b>TS-30</b><br>   | 3 - 0<br>2 - 0<br>0<br>1                                    | 2<br>3<br>3.5<br>4                  | 9584<br>9585<br>9586<br>9587                            |
| 75 cm<br>100 cm<br>75 cm<br>75 cm                           | blue<br>blue<br>blue<br>blue                         | <b>TS-38</b><br>   | 2 - 0<br>2 - 0<br>0<br>1                                    | 3<br>3<br>3.5<br>4                  | 9595<br>9595H<br>9596<br>9597                           |
| 75 cm<br>100 cm<br>75 cm<br>75 cm                           | blue<br>blue<br>blue<br>blue                         | <b>TS-45</b><br>   | 2 - 0<br>2 - 0<br>0<br>1                                    | 3<br>3<br>3.5<br>4                  | 9605<br>9605H<br>9606<br>9607                           |
| 100 cm<br>100 cm<br>100 cm                                  | blue<br>blue<br>blue                                 | <b>TS-90</b><br>  | 2 - 0<br>0<br>1   | 3<br>3.5<br>4                       | 96255H<br>96256H<br>96257H                              |

# Polypropylene blue

| Length | Thread Colour | Needle Code and Length in mm  | USP   | EP  | REF      |
|--------|---------------|---|-------|-----|----------|
|        |               | straight, cutting                              |       |     |          |
| 75 cm  | blue          | <b>RS-58</b><br>                                | 3 - 0 | 2   | 9844     |
| 75 cm  | blue          |   | 2 - 0 | 3   | 9845     |
| 75 cm  | blue          | <b>RS-58</b><br>                                | 3 - 0 | 2   | 9844INTC |
| 75 cm  | blue          | with 2 beads and 2 collars  | 2 - 0 | 3   | 9845INTC |
| 100 cm | blue          | <b>RS-75</b><br>                                | 3 - 0 | 2   | 9854H    |
| 100 cm | blue          |   | 2 - 0 | 3   | 9855H    |
| 100 cm | blue          |   | 0     | 3.5 | 9856H    |
| 100 cm | blue          |   | 1     | 4   | 9857H    |
|        |               | 3/8 circle reverse cutting<br>Precision Point  |       |     |          |
| 45 cm  | blue          | <b>TS-12P</b><br>                                | 6 - 0 | 0.7 | 95201F   |
| 45 cm  | blue          |   | 5 - 0 | 1   | 95202F   |
| 45 cm  | blue          |   | 4 - 0 | 1.5 | 95203F   |
| 45 cm  | blue          | <b>TS-15P</b><br>                                | 6 - 0 | 0.7 | 95301F   |
| 45 cm  | blue          |   | 5 - 0 | 1   | 95302F   |
| 45 cm  | blue          |   | 4 - 0 | 1.5 | 95303F   |
| 45 cm  | blue          | <b>TS-19P</b><br>                              | 5 - 0 | 1   | 95502F   |
| 45 cm  | blue          |   | 4 - 0 | 1.5 | 95503F   |
| 45 cm  | blue          |   | 3 - 0 | 2   | 95504F   |
| 45 cm  | blue          | <b>TS-24P</b><br>                              | 5 - 0 | 1   | 95602F   |
| 45 cm  | blue          |   | 4 - 0 | 1.5 | 95603F   |
| 45 cm  | blue          |   | 3 - 0 | 2   | 95604F   |

## Microsurgical sutures

| Length | Thread Colour | Needle Code and Length in mm  | Microns | USP    | EP  | REF           |
|--------|---------------|---|---------|--------|-----|---------------|
| 13 cm  | blue          | <b>TRM 5</b><br>       | 100     | 10 - 0 | 0.2 | <b>943320</b> |
| 13 cm  | blue          | Curved, 5 mm long, taper,<br>Micropoint   |         | 9 - 0  | 0.3 | <b>943329</b> |
| 60 cm  | blue          | <b>2 x TRM 6,5</b><br> | 150     | 8 - 0  | 0.4 | 9105508       |
|        |               | Curved, 6,5 mm long, taper,<br>Micropoint, double-armed   |         |        |     |               |
| 60 cm  | blue          | <b>2 x TRM 8</b><br>   | 200     | 8 - 0  | 0.4 | 950608        |
| 60 cm  | blue          |   | 200     | 7 - 0  | 0.5 | 950607        |
| 60 cm  | blue          | Curved, 8 mm long, taper,<br>Micropoint, double-armed   | 250     | 6 - 0  | 0.5 | 950806        |
| 60 cm  | blue          | <b>2 x TRM 9,3</b><br> | 230     | 7 - 0  | 0.5 | 952707        |
| 75 cm  | blue          |   |         | 7 - 0  | 0.5 | 952797        |
| 60 cm  | blue          | Curved, 9,3 mm long, taper,<br>Micropoint, double-armed   |         | 6 - 0  | 0.7 | 952706        |
| 60 cm  | blue          | <b>2 x TRM 10</b><br>  | 200     | 8 - 0  | 0.4 | 954608        |
| 60 cm  | blue          |   | 230     | 7 - 0  | 0.5 | 954707        |
| 75 cm  | blue          |   | 230     | 7 - 0  | 0.5 | 954797        |
| 60 cm  | blue          | Curved, 10 mm long, taper,<br>Micropoint, double-armed  | 230     | 6 - 0  | 0.7 | 954706        |
| 75 cm  | blue          | <b>2 x HRM 10</b><br>  | 230     | 7 - 0  | 0.5 | 910797        |
|        |               | 1/2 circle, 10mm long, taper,<br>Micropoint, double-armed.  |         |        |     |               |












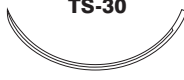
Surgical

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# Supramid black

| Length | Thread Colour | Needle Code and Length in mm   | USP   | EP  | REF  |
|--------|---------------|--|-------|-----|------|
|        |               | ½ circle, reverse cutting      |       |     |      |
| 75 cm  | black         | <b>HS-17</b><br>                | 4 - 0 | 1.5 | 8673 |
| 75 cm  | black         |  | 3 - 0 | 2   | 8674 |
| 75 cm  | black         |  | 2 - 0 | 3   | 8675 |
| 75 cm  | black         | <b>HS-19</b><br>                | 4 - 0 | 1.5 | 8683 |
| 75 cm  | black         |  | 3 - 0 | 2   | 8684 |
| 75 cm  | black         |  | 2 - 0 | 3   | 8685 |
| 75 cm  | black         |  | 0     | 3.5 | 8686 |
| 75 cm  | black         | <b>HS-24</b><br>                | 4 - 0 | 1.5 | 8693 |
| 75 cm  | black         |  | 3 - 0 | 2   | 8694 |
| 75 cm  | black         |  | 2 - 0 | 3   | 8695 |
| 75 cm  | black         |  | 0     | 3.5 | 8696 |
| 75 cm  | black         | <b>HS-30</b><br>                | 3 - 0 | 2   | 8714 |
| 75 cm  | black         |  | 2 - 0 | 3   | 8715 |
| 75 cm  | black         |  | 0     | 3.5 | 8716 |
| 75 cm  | black         |  | 1     | 4   | 8717 |
| 75 cm  | black         | <b>HS-38</b><br>               | 3 - 0 | 2   | 8724 |
| 75 cm  | black         |  | 2 - 0 | 3   | 8725 |
| 75 cm  | black         |  | 0     | 3.5 | 8726 |
| 75 cm  | black         |  | 1     | 4   | 8727 |
|        |               | 3/8 circle, reverse cutting  |       |     |      |
| 75 cm  | black         | <b>TS-17</b><br>              | 6 - 0 | 0.7 | 8541 |
| 75 cm  | black         |  | 5 - 0 | 1   | 834  |
| 75 cm  | black         |  | 4 - 0 | 1.5 | 835  |
| 45 cm  | black         |  | 4 - 0 | 1.5 | 835F |
| 75 cm  | black         | <b>TS-19</b><br>              | 5 - 0 | 1   | 836  |
| 75 cm  | black         |  | 4 - 0 | 1.5 | 837  |
| 45 cm  | black         |  | 4 - 0 | 1.5 | 837F |
| 75 cm  | black         |  | 3 - 0 | 2   | 838  |
| 45 cm  | black         |  | 3 - 0 | 2   | 838F |
| 75 cm  | black         |  | 2 - 0 | 3   | 8555 |
| 75 cm  | black         |  | 0     | 3.5 | 8556 |
| 75 cm  | black         | <b>TS-24</b><br>              | 4 - 0 | 1.5 | 839  |
| 75 cm  | black         |  | 3 - 0 | 2   | 840  |
| 75 cm  | black         |  | 2 - 0 | 3   | 841  |
| 75 cm  | black         |  | 0     | 3.5 | 8566 |
| 75 cm  | black         | <b>TS-27</b><br>              | 5 - 0 | 1   | 8572 |
| 75 cm  | black         |  | 4 - 0 | 1.5 | 842  |
| 75 cm  | black         |  | 3 - 0 | 2   | 843  |
| 75 cm  | black         |  | 2 - 0 | 3   | 844  |
| 75 cm  | black         |  | 0     | 3.5 | 8576 |
| 75 cm  | black         | <b>TS-30</b><br>              | 3 - 0 | 2   | 845  |
| 75 cm  | black         |  | 2 - 0 | 3   | 846  |
| 75 cm  | black         |  | 0     | 3.5 | 8586 |
| 75 cm  | black         |  | 1     | 4   | 8587 |
|        |               |  |       |     |      |


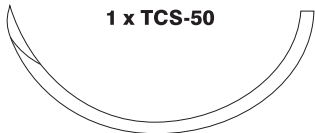
Surgical

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## STERNOTOMY Monofilament Surgical Steel

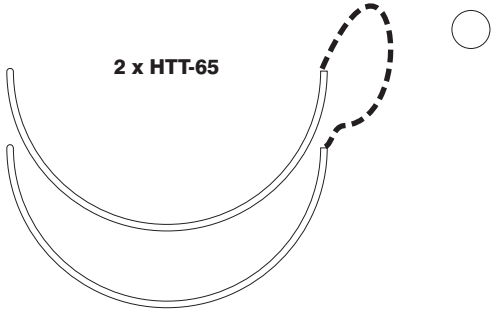
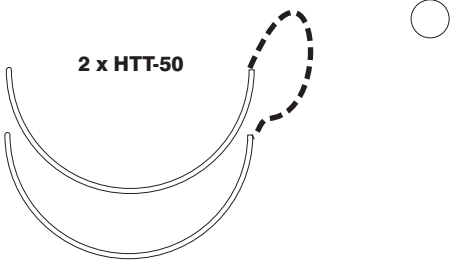
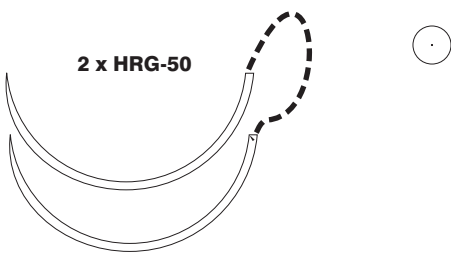
| Needle Code  | USP | EP | Length | Multipack | Prod. No. |
|--|-----|----|--------|-----------|-----------|
|  <p><b>1 x HCS-50</b></p> <p>½ circle, conventional cutting 50 mm</p>     | 5   | 7  | 45 cm  | 4 Sutures | CV 7601x4 |
|  | 6   | 8  | 45 cm  | 4 Sutures | CV 7624x4 |
|  | 7   | 9  | 45 cm  | 4 Sutures | CV 7605x4 |
|  | 5   | 7  | 75 cm  | 2 Sutures | CV 7802x2 |
|  | 5   | 7  | 45 cm  | 6 Sutures | CV 7620x6 |
|  | 5   | 7  | 75 cm  | 4 Sutures | CV 7621x4 |
|  | 5   | 7  | 45 cm  | 5 Sutures | CV 7908x5 |
|  | 6   | 8  | 45 cm  | 6 Sutures | CV 7622x6 |
|  <p><b>1 x TCS-50</b></p> <p>3/8 circle, conventional cutting 50 mm</p> | 6   | 8  | 75 cm  | 4 Sutures | CV 7623x4 |
|  | 5   | 7  | 45 cm  | 4 Sutures | CV 7501x4 |
|  | 5   | 7  | 45 cm  | 6 Sutures | CV 7502x6 |
|  | 6   | 8  | 45 cm  | 4 Sutures | CV 7503x4 |
|  | 6   | 8  | 45 cm  | 6 Sutures | CV 7504x6 |

### Special feature - 360° Rotating Needle:

| Needle Code  | USP | EP | Length | Multipack | Prod. No.        |
|--|-----|----|--------|-----------|------------------|
|  <p><b>1 x HCS-50</b></p> <p>½ circle, conventional cutting 50 mm</p> | 5   | 7  | 45 cm  | 4 Sutures | CV 7601x4 - 360° |
|  | 6   | 8  | 45 cm  | 4 Sutures | CV 7624x4 - 360° |
|  | 7   | 9  | 45 cm  | 4 Sutures | CV 7605x4 - 360° |

# Specialties

## Astralen white tape



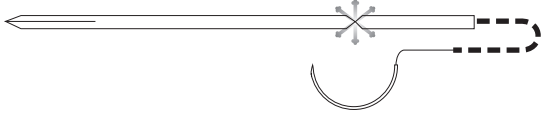
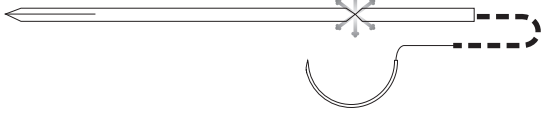
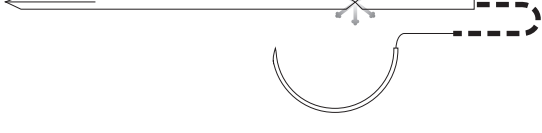
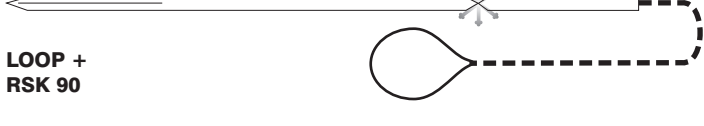
| Length | Suggested Specialty | Needle Code and Length in mm   |           | REF     |
|--------|---------------------|--|-----------|---------|
| 30 cm  | Incompetent Cervix  | <p><b>2 x HTT-65</b></p>  <p>½ circle, double-armed, Blunt Point</p>           | 5 mm wide | 5 - 905 |
| 30 cm  | Incompetent Cervix  | <p><b>2 x HTT-50</b></p>  <p>½ circle, double-armed, Blunt Point</p>          | 3 mm wide | 3 - 911 |
| 30 cm  | Incompetent Cervix  | <p><b>2 x HRG-50</b></p>  <p>½ circle taper (Round-Bodied), double-armed</p> | 5 mm wide | 5 - 950 |
| 75 cm  | Umbilical Tape      | WITHOUT NEEDLE   | 3 mm wide | 3 - 901 |
| 35 cm  | Umbilical Tape      | WITHOUT NEEDLE   | 3 mm wide | 3 - 902 |
|        |                     |  |           |         |



# Specialties

## Temporary Cardiac Pacing Wire

A very fine braided multifilament stainless steel wire of excellent flexibility with coloured Polyethylen insulation, easy to identify. A special straight cutting needle RSK 90 or RSK 58 with breakaway feature, combined with a round - bodied needle (25 or 17 mm) or with a cutting taper needle (18 or 25 mm) or loop.

| Needle Code   | USP        | EP     | CM       | Colour        | REF                |
|---|------------|--------|----------|---------------|--------------------|
|  <p><b>HR-25 +<br/>RSK 90</b></p>    | 2-0<br>2-0 | 3<br>3 | 60<br>60 | black<br>blue | CVP 150<br>CVP 151 |
|  <p><b>HR-17 +<br/>RSK 90</b></p>    | 3-0        | 2      | 60       | blue          | CVP 660            |
|  <p><b>HR-17 +<br/>RSK 58</b></p>   | 3-0<br>2-0 | 2<br>3 | 60<br>60 | blue<br>blue  | CVP 656<br>CVP 658 |
|  <p><b>HSR-18 +<br/>RSK 58</b></p> | 3-0        | 2      | 60       | blue          | CVP 652            |
|  <p><b>HSR-25 +<br/>RSK 58</b></p> | 3-0        | 2      | 60       | blue          | CVP 653            |
|  <p><b>LOOP +<br/>RSK 90</b></p>   | 2-0<br>2-0 | 3<br>3 | 60<br>60 | white<br>blue | CVP 220<br>CVP 221 |

09/2013/1000 D.V.

# Assut sutures

Assut Medical Sàrl  
P.O. Box 5  
CH-1009 Pully-Lausanne  
Switzerland  
Tel: ++ 41-21 - 728.64.35  
Fax: ++ 41-21 - 728.64.49  
e-mail: [info@assutsutures.com](mailto:info@assutsutures.com)  
[www.assutsutures.com](http://www.assutsutures.com)