ASAHI Gladius EX

Middleweight Non-Tapered Long Polymer Jacket Guide Wire

SPECIFICATIONS ASAHI Gladius EX	TIP LOAD 3.0gf	COIL MATERIAL Stainless Steel	CORE Core + ACT ONE	WIRE O.D. 0.36mm (0.014 Inch)	COVER Polymer Jacket

50cm Hydrophilic* COATING | 40cm Polymer Jacket COVER

3cm RADIOPACITY | 11cm SPRING COIL | Pre-Shaped TIP

ASAHI Gladius EX
ACT ONE

Catalogue No.	Diameter	Usable Length	Spring Coil Length	Hydrophilic* Coating Length	Radiopaque Length	Tip Shape
AP14R025P	0.36mm (0.014 Inch)	200cm	11cm	50cm	3cm	Pre-Shape
AP14R325P		300cm				

*Coated with SLIP-COAT® coating

CE 0344

Manufactured by:

Distributed by:

ASAHI Gladius EX

Your dreams. Woven together.
ASAHI INTECC

K20243_B_LC_1.1

ASAHI Gladius EX
Middleweight Non-Tapered Long Polymer Jacket Guide Wire

Tip Load **3.0gf**

Mini Pre-shape

Polymer Jacket

ACT ONE

Polymer Jacket 40cm

Hydrophilic* Coating 50cm

ACT ONE

Wire O.D. 0.36mm (0.014 Inch)

Tip Load Pre-Shaped Tip (3.0gf)

Spring Coil Stainless Steel (11cm)

Core Wire
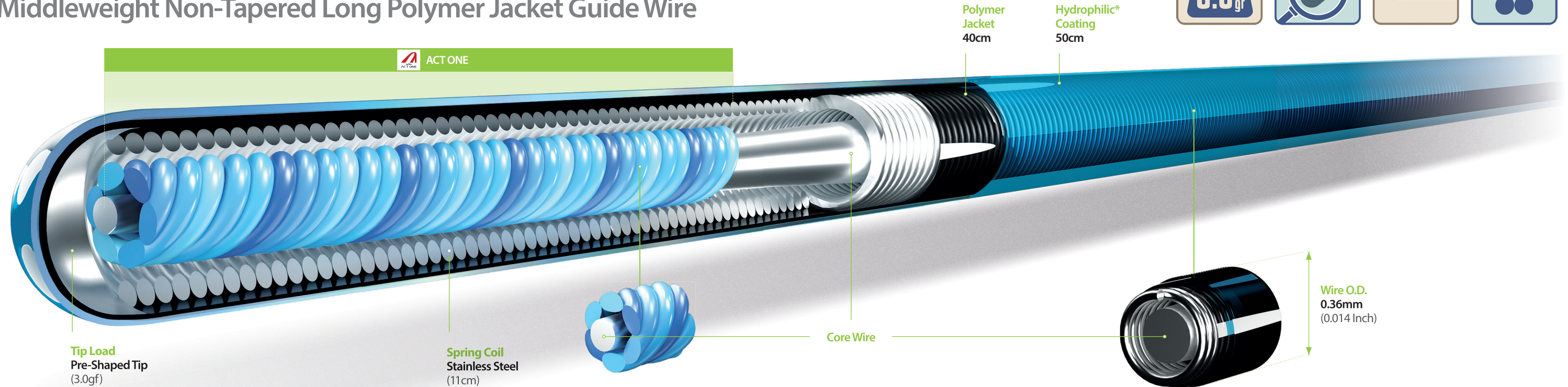
Mini Pre-Shape

1mm mini pre-shape manufactured to ensure tip shape within lesion which equals-easier tip shape control.
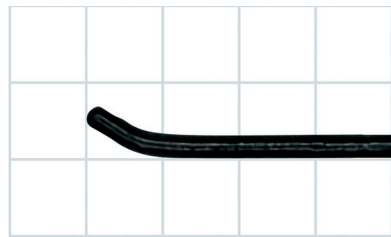
Long Coating Length

ASAHI Gladius EX has longer hydrophilic coating compared to competitor A to maintain its lubricity through long arteries.
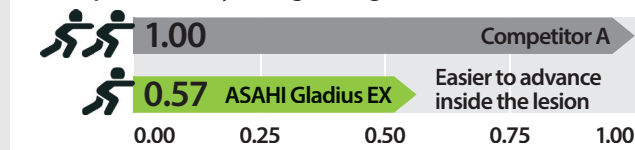
ASAHI Gladius EX - 200cm

◀ **50cm**

Competitor A

◀ **29cm**

High Lubricity

ASAHI Gladius EX has excellent lubricity that allows the GW to pass smoothly through a long stenotic lesion

1.00		Competitor A
0.57	ASAHI Gladius EX	Easier to advance inside the lesion

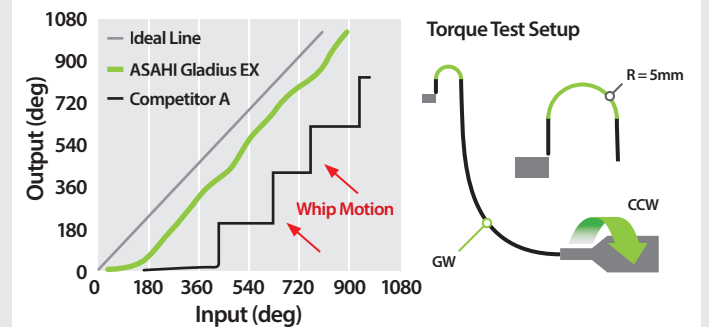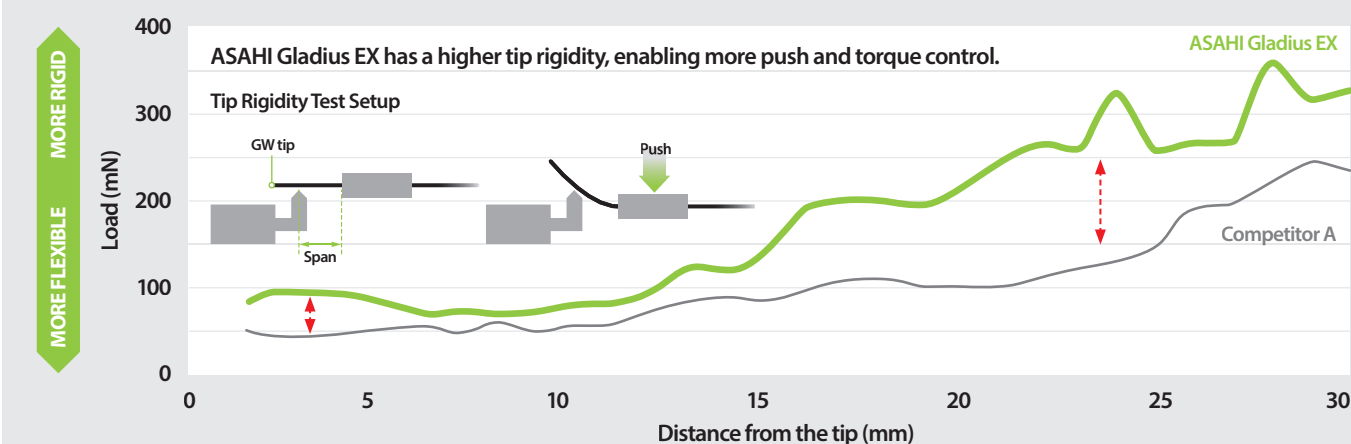0.00   0.25   0.50   0.75   1.00

Lubricity Test Setup

Weight → GW

1-To-1 Torque

ACT ONE

ASAHI Gladius EX has superior torque response without whip motion enabling excellent maneuverability

Output (deg): 1080, 900, 720, 540, 360, 180, 0

— Ideal Line
— ASAHI Gladius EX
— Competitor A

Whip Motion

Input (deg): 0 180 360 540 720 900 1080

Torque Test Setup

R = 5mm
CCW
GW

Tip Rigidity Comparison 1.5 - 30mm

MORE RIGID / MORE FLEXIBLE

ASAHI Gladius EX has a higher tip rigidity, enabling more push and torque control.

Tip Rigidity Test Setup

GW tip
Span
Push

ASAHI Gladius EX

Competitor A

Load (mN): 400, 300, 200, 100, 0

Distance from the tip (mm): 0   5   10   15   20   25   30

Shaft Rigidity Comparison 30 - 300mm

ASAHI Gladius EX has a smooth balanced shaft design for better push transmission and trackability.

Shaft Rigidity Test Setup

GW tip
Distance from GW tip
Chuck point

Competitor A

ASAHI Gladius EX

Rigidity (gf·cm²/cm): 2.0, 1.8, 1.6, 1.4, 1.2, 1.0, 0.8, 0.6, 0.4, 0.2, 0.0

Distance from the tip (mm): 0   50   100   150   200   250   300

*All the data were obtained by company standardized test, which may differ from industry standardized tests.
*All the data do not guarantee that all devices have exactly the same performance with the samples used for tests.