

STERILIZATION REEL (FLAT / GUSSETED - 60 gr)

- PRODUCT CODE** : DSR (Flat) - KSR (Gusseted)
- PROPERTIES** :
- All printing is made inside the 11 mm. sealing area to prevent pigment migration by using water based inks which are appropriate with EN 868-5,
 - The product inside packaging, can be seen easily because of transparent, multi-layer co-polymer film
 - High-resistant, strengthened, non-toxic film.
 - High-barrier property first class medical craft paper in 60 gr/m2, 70 gr/m2
 - Can be easily closed with any kind of set-top closing device
 - Appropriate to the norms of non-toxic process indicators ISO 11140
 - Easily opening, non-tearing with indicated opening direction
 - In case of need, formaldehyde indicator can be applied.

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SPECIFICATIONS :

		PROPERTIES	UNIT	STANDARD	TYPICAL VALUE
MEDICAL PAPER	SUBSTANCE		g/m2	ISO 536	60
	THICKNESS		µm	ISO 534	83
	BENDTSEN POROSITY		ml/mn	ISO 5636-3	1050
	AIR PERMEANCE		µm/(Pa.s)	ISO 5636-3	11,4
	BENDTSEN ROUGHNESS FS		ml/mn	ISO 8791-2	450
	BENDTSEN ROUGHNESS WS		ml/mn	ISO 8791-2	450
	TENSILE STRENGTH /MD		kN/m	EN ISO 1924-2	6,3
	TENSILE STRENGTH /CD		kN/m	EN ISO 1924-2	2,5
	WET TENSILE STRENGTH /MD		kN/m	ISO 3781	1,3
	WET TENSILE STRENGTH /CD		kN/m	ISO 3781	0,7
	BURST STRENGTH		kPa	ISO 2758	290
	TEARING STRENGTH /MD		mN	ISO 1974	550
	TEARING STRENGTH /CD		mN	ISO 1974	570
	WET BURST		kPa	ISO 3689	100
	WATER REPELLENCY		s	EN 868-2 (app.D)	27
	PORE SIZE		µm	EN 868-2 (app.E)	35
	COBB TEST (60 s)		g/m2	ISO 535	20
	FLUORESCENCE		pts/dm ²	EN 868-2 (app.B)	0
	pH: between 5.0 and 8.0 (ISO6588-2)		Chloride content < 0,05% (ISO 9197)		
		Sulphate Content < 0,25% (ISO9198)			
Test conditions: ISO 554 - 1976 (23 ± 1 °C / 50 ± 2 %)					

TECHNICAL DATA SHEET

STERILIZATION REEL (FLAT / GUSSETED - 60 gr)

LAMINATED FILM	PROPERTIES	UNIT	STANDARD	TYPICAL VALUE		
	THICKNESS	Micron	ASTM D 374	LAM.FILM	52 ± 5	
				PP	40 ± 5	
				PET	12 ± 2	
	COF	F/M	ASTM F 1894	0,30-0,35		
		M/M		0,35-0,40		
	THERMAL SEAL	°C	ASTM F 88	150 ± 5		
	TEAR	G	MD TD	D1922	40 ± 5	
					50 ± 5	
	GLOSS	%	ASTMD 2457	150 ± 5		
FREE FROM LEAD AND HEAVY METALS AND TOXIC MATERIALS						

PRODUCT SPECIFICATIONS

POUCH	PROPERTIES	UNIT	STANDARD	TYPICAL VALUE		
	SEAL STRENGTH	cm	ASTM F 88	< 25	≥ 25	
		Edge Seal (gr / 15 mm)		250 ≤	300 ≤	
	BUBBLE TEST		ASTM F2096-04	None		
	PINHOLE DETERMINATION		EN 868-5 Annex C	None		
	DIMENSION CONTROL	cm or mm	ASTM F2203-02	Desired dimensions		
	LEAKAGE TEST		ASTM F1929-98	None		
	PEEL DIRECTION		EN 868-5 Annex E	Must not break the particle		
	INDICATOR CONTROL		ISO 11140-1	Must return the specified color		

INDICATOR	STERILIZATION METHOD	BEFORE STERILIZATION	AFTER STERILIZATION
	STEAM	Pink	Brown
	EO	Blue	Orange/Brown
	FORMALDEHYDE	Red	Green

PACKAGING :

PRODUCT CODE	PRODUCT DESCRIPTION	SIZE	NR. OF ROLLS IN BOX
DSR50200	STERILIZATION ROLL	5cmX200mt	12 PCS
DSR75200	STERILIZATION ROLL	7,5cmX200mt	8 PCS
DSR10200	STERILIZATION ROLL	10cmX200mt	6 PCS
DSR15200	STERILIZATION ROLL	15cmX200m	4 PCS
DSR20200	STERILIZATION ROLL	20cmX200mt	4 PCS
DSR25200	STERILIZATION ROLL	25cmX200mt	2 PCS
DSR30200	STERILIZATION ROLL	30cmX200mt	2 PCS
DSR35200	STERILIZATION ROLL	35cmX200mt	2 PCS
DSR40200	STERILIZATION ROLL	40cmX200mt	2 PCS