

TYVEK STERILIZATION REEL (2FS)

PRODUCT CODE : TYSR

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.
- 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
- Tyvek Reels are used for ethylene oxide, gas plazma (VH2O2) and Gamma irradiation sterilization..

The sterilization conditons should be determined by the end user regarding to material to be sterilized.

TYVEK 2FS	PROPERTIES	UNIT	TYPICAL VALUE
	DELAMINATION	N/2.54 cm	2,7
	BASIC WEIGHT	g/m ²	60
	POROSITY	sec	22
	OPACITY	%	94
	THICKNESS	mils	155
	SPENCER PUNCTURE	J/m	5254
	MULLEN BURST	kPa	925
	HYDROSTATIC HEAD	cm H2O	145
	ELMENDORF TEAR, XD	mN	3694
	ELMENDORF TEAR, MD	mN	2803
	TENSILE STRENGTH,XD	N/2.54 cm	157
	TENSILE STRENGTH,MD	N/2.54 cm	156
	FREE FROM LEAD AND HEAVY METALS AND TOXIC MATERIALS		

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LAMINATED FILM	PROPERTIES	UNIT	STANDARD OR TEST METHOD	TYPICAL VALUE	
	THICKNESS	Micron	ASTM D 374	LAM.FILM	55 ± 5
				PE	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	110 ± 5	
	TEAR	G MD TD	D1922	50 ± 5	
				60 ± 5	
	GLOSS	%	ASTMD 2457	60 ± 5	
FREE FROM LEAD AND HEAVY METALS AND TOXIC MATERIALS					

PRODUCT SPECIFICATIONS

REEL	PROPERTIES	UNIT	STANDARD OR TEST METHOD	TYPICAL VALUE	
	SEAL STRENGTH	cm	ASTM F 88	< 25	≥ 25
		Edge Seal (gr /15 mm) (N)		3,0 ± 0,5	4,0 ± 0,75
	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
	VH202	Red/Pink	Yellow

PACKAGING :

PRODUCT CODE	PRODUCT DESCRIPTION	SIZE	NR. OF ROLLS IN BOX
TYSR5070	TYVEK STERILIZATION ROLL	5cmX70mt	12 PCS
TYSR7570	TYVEK STERILIZATION ROLL	7,5cmX70mt	8 PCS
TYSR1070	TYVEK STERILIZATION ROLL	10cmX70mt	6 PCS
TYSR1570	TYVEK STERILIZATION ROLL	15cmX70m	4 PCS
TYSR2070	TYVEK STERILIZATION ROLL	20cmX70mt	4 PCS
TYSR2570	TYVEK STERILIZATION ROLL	25cmX70mt	2 PCS
TYSR3070	TYVEK STERILIZATION ROLL	30cmX70mt	2 PCS
TYSR3570	TYVEK STERILIZATION ROLL	35cmX70mt	2 PCS
TYSR4070	TYVEK STERILIZATION ROLL	40cmX70mt	2 PCS