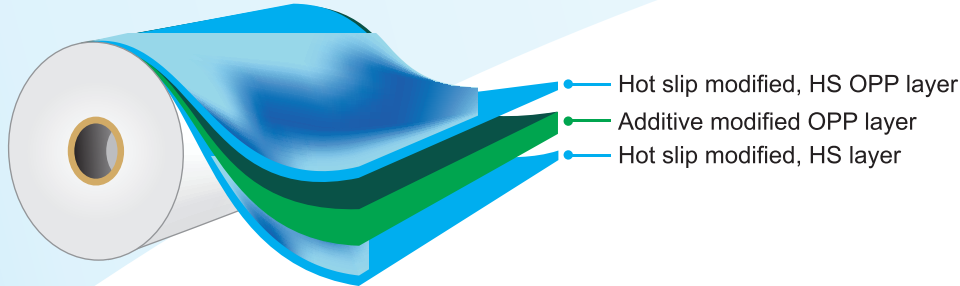


HIGH SHRINK TIGHT WRAP CIGARETTE OVERWRAP FILM

HST-0 (HSR) TW

Structure



Description

It is a co-extruded, both side untreated and heat sealable Bi-axially Oriented Polypropylene film.

Features

- Excellent transparency and clarity
- Excellent machinability on high-speed machines
- High shrinkage for tight packs
- High moisture barrier
- Good stiffness

Applications

- Cigarette over-wrap
- General Overwrap

Typical Values

Properties	Ref.	Units	Astm # / Test Method	HST-0 (HSR) TW	
Physical Data					
Average Thickness		micron	D-374-C	20	25
		gauge		78.74	98.43
		mils		0.79	0.98
Thickness Variation		% (±)		3	
Density		g/cc		0.905	
Average Substance		g/m ²		18.10	22.63
Kinetic COF	F-F		D-1894	< 0.30	
Yield		m ² /kg	D-4321	55.25	44.18
Optical Data					
Gloss (45 °)		gardner	D-2457	88 - 93	
Haze		%	D-1003	1.8 - 2.5	
Mechanical Data					
Tensile Strength	MD	kg/ cm ²	D-882	1300 - 1600	
	TD			2400 - 2800	
Elongation	MD	%	D-882	100 - 170	
	TD			30 - 70	
Thermal Data					
Shrinkage (120 °C, 5 min.)	MD	%	D-1204	9.0 – 11.0	
	TD			9.0 – 11.0	
Seal Initiation Temp.		°C	CTM	105	
Heat Seal Strength		g/25 mm	CTM	425	
Barrier Data					
MVTR (38°C, 90% RH)		g/m ² /24 hrs	F - 1249	5.0	4.5
OTR (23°C, 0% RH)		cc/m ² /24 hrs	D - 3985	1600	1500

CTM : Cosmo Test Method MD : Machine Direction TD : Transverse Direction

Disclaimer : The information provided above is based on COSMO FILMS LTD's conclusive tests, which are indicative only and provided as guidelines. They do not constitute a guarantee of any specific product attributes or the suitability of products for specific applications.

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