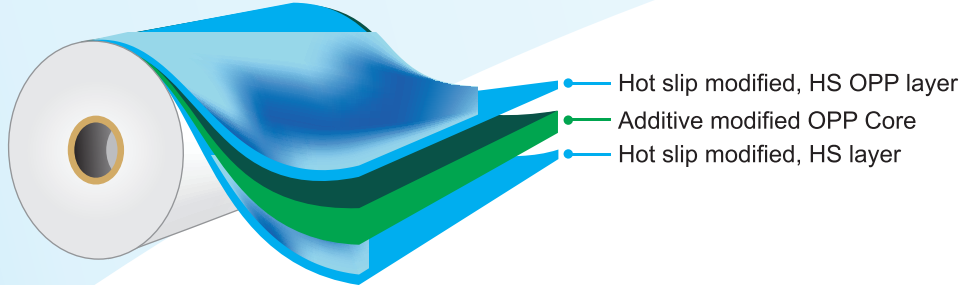


High Shrink Cigarette Overwrap Film

HST-0 (HSR)

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 aroma & moisture barrier
- Good stiffness

Applications

- Cigarette over-wrap

Typical Values

Properties	Ref.	Units	Astm # / Test Method	HST-0 (HSR)	
Physical Data					
Average Thickness		micron	D-374-C	18	20
		gauge		70.85	78.74
		mils		0.70	0.79
Thickness Variation		% (±)		3	
Density		g/cc		0.905	
Average Substance		g/m ²		16.29	18.10
Kinetic COF	F-F		D-1894	0.20 - 0.30	
Yield		m ² /kg	D-4321	61.38	55.25
Optical Data					
Gloss (45 °)		gardner	D-2457	> 88	
Haze		%	D-1003	1.5 - 2.2	
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	4.0 - 6.0	
	TD			4.0 - 6.0	
Seal Initiation Temp.		°C	CTM	118	
Heat Seal Strength		g/25 mm	CTM	425	

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.