

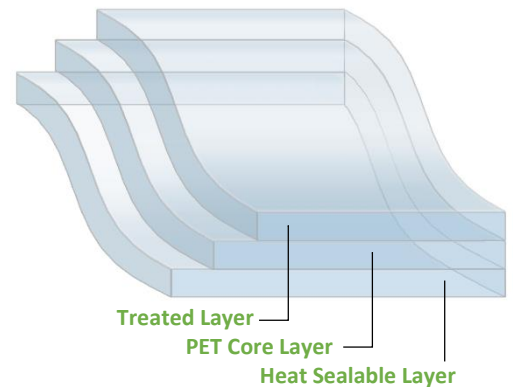
HSF400W

Clear Heat Sealable Polyester Film

HSF4000 is a durable, clear, weld-seal, heat-sealable polyester mono film that offers high clarity, puncture resistance and dimensional stability. One side heat sealable and one side corona treated for high print definition. Ideal for those situations requiring a higher level of temperature resistance, for such applications as cooking or re-heating etc.

Features

- High Gloss and stiffness
- One heat sealable
- One side corona treated
- Exceptional clarity
- Excellent printability
- High resistance to tear
- High seal strength
- Contains NO recycled polymers
- Microwave and standard ovenable to Max. 200 °C for 30 mins
- Complies with FDA and EU regulations for direct food contact



Typical Applications

- Weld seal to itself, APET, PETG, CPET, PVC, Aluminium, Paper, Steel and glass
- Not suitable for sealing to PS, PP or PE
- Will withstand temperatures down to -75 °C
- Suitable as a Lidding film and for packing Fresh, Cooked, Frozen or Refrigerated products

Gauges Available

- 20, 25, 30 and 40 micron

General Information

- Handling and Product Health and Safety details available on request
- Recommended to store in dry condition below 30 °C and above 18 °C
- Best used within 6 months of manufacture
- Any folding or perforating will be carried out by either a BRC accredited or company approved sub-contractor
- As for general Polyester our grade will start to soften at approx. 210 °C and will reach melt point around 260 °C



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Certificate Number 7877
 ISO 9001



Typical Properties

Properties	Test Method	Unit	20mu	25mu	30mu	40mu
Density	ASTM D792	g/c cm ³	1.4			
Weight		g/m ²	28	35	42	56
Yield		m ² /kg	35.71	28.57	23.81	17.86
Sealing Temperature		°C	115 - 190			
Seal Strength	ASTM D882	N/15 mm 120°C/1 sec	> 2			
Haze	ASTM D1003	%	5.0			
Gloss	ASTM D2457	%	120			
Tensile strength						
MD	ASTM D882	N/mm ²	> 130			
TD			> 150			
Elongation						
MD	ASTM D882	%	> 100			
TD			> 90			
Shrinkage						
MD	ASTM D1204	% 150°C at 30 min	< 3			
TD			< 0.7			
Coefficient of friction	ASTM D1894	film to film	0.25 - 0.45			
WVTR	ASTM F1249	g/m ² /24h	29	26	20	18
OTR	ASTM D3985	cm ³ /m ² /24h	84	80	68	60

As all applications are subject to those conditions prevailing within specific applications, we recommend that a test be carried out to your satisfaction prior to full production.

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December 2015