

420HSU2 CLEAR HEAT SEALABLE HIGH SLIP FILM

Product Technical Information

Features and Applications

- Good slip and low antistatic property
- Excellent optical and mechanical properties
- Resistant to oils, fats & chemicals
- Good barrier to moisture, odors & gases
- Compliant with FDA 21CFR177.1520(c)(1.1)

Physical Properties

Film	.8 mil / 80 ga / 20 microns
Total Construction	.8 mil / 80 ga / 20 microns

Typical Technical Values

	Value	Test Method
Film Elongation at Break	170% MD 50% TD	ASTM D882
Seal Strength	275 g/15mm 0.60 lb/0.59in	Internal Method
Minimum Seal Temperature	105-140 (221-284) °C (°F)	
Yield (sq.in./lbs.)	54.95 m ² /kg 38,700 in ² /lb	Internal Method
Treatment Level	38	ASTM D2578
Oxygen Transmission Rate	2140 - cc/m ² /24h 140 - cc/in ² /24h	ASTM D3985 (23°C / 0% RH)
Water Vapor Transmission Rate	7 - g/m ² /24h 0.45 - g/100in ² /24h	ASTM F 1249 (38°C / 90% RH)
Tensile Strength (lbs./in of width)	15 kg/mm ² MD 28 kg/mm ² TD	ASTM D 882
	121,330 psi MD 39,816 psi TD	
Haze of Film (%)	2.5%	ASTM D1003
Gloss	85	ASTM D2457
C.O.F.	0.25	ASTM D1894
Film Shrinkage (%)	< 4.0% MD < 4.0% TD	Internal Method

Application Temperature Range

Roll Tolerances

Roll Length
Roll Width



Storage and Handling

Regulatory Compliance

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