



Description

Hostaphan® 4557 is an ultra clear polyester film that is chemically primed on both sides to promote adhesion of solvent based inks and coatings and improve handleability. It combines high strength and durability, optical clarity, excellent color and chemical resistance.

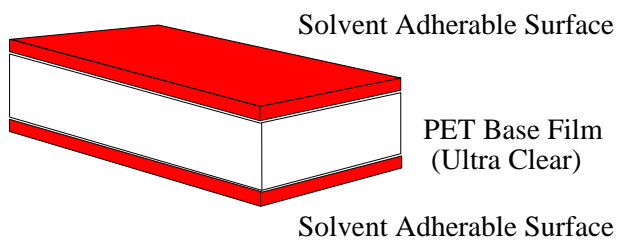
Performance

Hostaphan® 4557 is designed for markets requiring glass-like clarity and solvent adherability. This is possible with the chemical primer on both sides which also provides the slip necessary to handle and wind an unfilled film. Hostaphan® 4557 is used in various coated, printed and laminated constructions requiring optical clarity.

Benefits

- Adhesion to solvent based coatings
- Excellent clarity
- Excellent color
- Good dimensional stability

Schematic of Hostaphan® 4557



Typical Properties of Hostaphan® 4557 Film

The Hostaphan® 4557 property values below are typical measurements. Further guidance on series selection, functional behavior by end use, film processing, standard roll configuration and gauges is available through a Mitsubishi Polyester Film Sales Representative.

| Property | | Unit of Measure | Typical Value | Test Method |
|-------------------------------|----------|--|----------------------------|------------------|
| Area Yield | | in ² •mil/lb m ² •µm/kg | 19,800 717 | ASTM D 4321 |
| Tensile Strength | MD | psi kg/cm ² | 30,000 2,110 | ASTM D 882 |
| Yield Strength (F5) | MD | psi kg/cm ² | 15,000 1,050 | ASTM D 882 |
| Ultimate Elongation | MD | % | 150 | ASTM D 882 |
| Modulus | MD | psi kg/cm ² | 500,000 35,200 | ASTM D 882 |
| Coefficient of Friction (A/B) | Kinetic | -- | 0.45 | ASTM D 1894 |
| Shrinkage | MD TD | % | 1.0 1.0 | 30 min. at 150°C |
| Density | | g/cm ³ | 1.395 | ASTM D 1505 |
| Color (Yellowness index) | | YI/mil | 0.30 | ASTM D-1925 |
| Total Haze* | | % | 265 gauge 0.7 380 " 1.2 | ASTM D-1003 |

* Values for reference data only. Contact a Mitsubishi Polyester Film Sales Representative for actual gauges available.



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