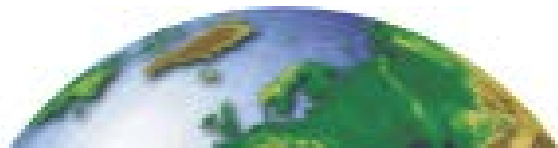


# 2SACN Silicone Adherable Film



## PRODUCT BULLETIN

### Description

Hostaphan® 2SACN polyester film is chemically treated to provide enhanced adhesion for silicone coatings. It combines high strength and durability, good dimensional stability and excellent chemical resistance.

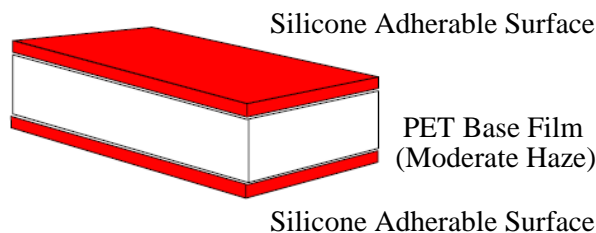
### Performance

Hostaphan® 2SACN has been extensively evaluated by several silicone manufacturers and found to provide excellent results with all types of silicone systems. Solvent, solventless and emulsion systems from Dow Corning, GE Silicones, Wacker and Rhodia were evaluated using thermal, UV and E-beam curing methods with standard industry testing for rub-off, smear and migration. The silicone coatings were tested by various manufacturers, including Mitsubishi Polyester Film, and have demonstrated a significant improvement in anchorage performance.

### Benefits

- Improves silicone adhesion
- Minimizes silicone rub-off
- Eliminates the need for priming or corona treatment
- Possesses a 50 - 55 dyne/cm surface energy
- Provides a more consistent release level with aging
- Good handling characteristics

### Schematic of Hostaphan® 2SACN



## Typical Properties of Hostaphan® 2SACN Film

The Hostaphan® 2SACN 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 <sup>2</sup> •mil/lb<br>m <sup>2</sup> •µm/kg | 19,800<br>717               | ASTM D 4321       |             |
| Tensile Strength            | MD       | psi<br>kg/cm <sup>2</sup>                        | 30,000<br>2,110             | ASTM D 882        |             |
| Yield Strength (F5)         | MD       | psi<br>kg/cm <sup>2</sup>                        | 15,000<br>1,050             | ASTM D 882        |             |
| Ultimate Elongation         | MD       | %  | 150                         | ASTM D 882        |             |
| Modulus                     | MD       | psi<br>kg/cm <sup>2</sup>                        | 500,000<br>35,200           | ASTM D 882        |             |
| Coefficient of Friction A/B | Kinetic  | --   | 0.40                        | ASTM D 1894       |             |
| Shrinkage                   | MD<br>TD | %  | 1.5<br>0.4                  | 30 min. at 150°C  |             |
| Density                     |          | g/cm <sup>3</sup>                                | 1.395                       | ASTM D 1505       |             |
| Total Haze*                 |          | %  | 142 gauge<br>200 "<br>300 " | 5.5<br>6.5<br>8.0 | ASTM D-1003 |

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

Approved RC 5/2016



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