



Xerobon™- SeamSave™-7945-TDS

Description: SeamSave™ 7945 is a colorless, highly flexible adhesive with excellent recovery, high hydrolysis, and UV resistance. SeamSave™ is reasonably fit for seamless and sew-free applications, where high bond strength and excellent water sealing are needed. Garment bounded together by Xerobon™ SeamSave™ has outstanding hydrolysis and UV resistance, and both bond strength and adhesive elasticity keep well preformed.

Application: Can be used to bonding synthetic fabrics for lingerie and sports goods, seam sealing, ticket's attaching, and more.

Highlights: High Adhesive strength, Excellent recovery, great wash resistance, well UV resistance.

Technical Properties

| | | |
|------------------------------------|-----------------------------------|------------------------------|
| Material | Water-Based Aliphatic Polyurethan | |
| Parameter | 30 µm (1 mil) | 50 µm (2 mil) |
| Color | Colorless | |
| Weight | 35.16±0.8 mg/cm ² | 52.01±1.0 mg/cm ² |
| Release Liner | Paper | |
| Width ¹ | 600 mm | |
| Gauge | 30 µm | 50 µm |
| Wash | Excellent up to 60°C | |
| Softening Point Before Curing | 102°C | 102°C |
| Softening Point After Curing | 112°C | 112°C |
| Glue Line Temperature ² | 175°C | |
| MFI ³ | 30 gr/10min | |

| Modulus | | | |
|---------------|--------|--|---|
| Gauge | | Modulus of 10cm (0.39") sample 100% of original length for 5 times | Recovery after 100% elongation at a rate of 500 mm (19.6") per minute |
| 25 µm (.001") | 0.96 N | 1.28 N | 99% |
| 50 µm (.002") | 1.49 N | 1.98 N | 99% |

- Recommended Bonding Conditions⁴:
 - Flat Press:
 - Machine Setting: 165°C-175°C.
 - Dwell Time: 20-30 seconds.
 - Pressure: 2 to 5 Bar (29-72.5 psi).

¹ Product can be slit to requested widths, no less than 10mm.

² Glue Line Temperature (GLT) refers to the temperature of the adhesive in the bonding process. Glue line temperature must be measured to receive accurate machine settings.

³ Test conditions: 175 °C, 2.16 Kg Load.

⁴ Recommended bonding conditions will vary between different machinery and fabrics. The recommended conditions stated are a starting point only. The factory for the specific application should establish optimal bonding conditions.