

UTF-150 (Release film)

Product description

UTF-150 is an all-purpose release film especially suitable for PCB and HDI board production. UTF-150 is made of modified PET and combines good release properties with optimal elasticity and good conformability.



Application

Temperature resistant PET

Reduced distortion under pressing conditions

Good dimensional stability

Excellent release properties in general and against various resin systems

Suitable for press cycles with and without vacuum

Compatible with conformable sheets, kraft paper, levelling materials, steel plates, copper foil, ...

Good handling because of higher thickness

Process parameter (hydraulic press)

Temperature: up to 195 °C

Pressure: 100 - 500 N/cm² (10 – 50 bar)

Material properties

| | |
|--------------------------------|---|
| Thickness: | 38 µm |
| Density: | 1.38 g/cm ³ |
| Surface weight: | 59 g/m ² |
| Tensile Strength: | 172 N/mm ² (MD) / 206 N/mm ² (TD) |
| Elongation: | 90 % (MD) / 60 % (TD) |
| Shrinkage at 190 °C (10 min.): | 2.8 % (MD) / 0.5 % (TD) |
| Color: | translucent |

Storage & handling

Temperature: 15 – 25 °C

Humidity: 45 – 65 rh%

Storage: flat in original package until usage.
electrostatic discharge will be reduced, if stored as recommended

Availability

Thickness: 38 µm

Rolls: maximum width: 1360 mm

maximum length: 760 m

Sheets: size and punching according customer specification

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The typical values are based on data from production and from sample measurements in the lab. This data should be considered as general information. It is the responsibility of the user to ensure that the product complies with his requirements.