

## Z-Release Duo | Release Liner | Base Paper 120 gsm



- Available in FSC quality and CO<sub>2</sub>-neutral on request

### Properties

This is a release liner for use in the areas of labels, adhesive tapes, sign vinyls, plotters, digital printing and carbon fibre substrates. Z-Release Mono is a coated release liner that is available in weights from 80 to 135 gsm. The special coating ensures good dimensional stability and lay-flat behaviour in all areas of application.

Z-Release Duo is a release liner coated on both sides for applications where good holdout properties are especially important. Both sides are excellent for coating with silicone. Z-Release Duo is supplied in 80 and 120 gsm.

All Specialties papers are woodfree and acid free, have neutral sizing and excellent aging properties.

### Application

- |  |      |
|--|------|
| • Solvent-free silicone systems          | **** |
| • Solvent-based silicone systems         | **   |
| • Electron-beam-curable silicone systems | -    |
| • UV-curable silicone systems            | **** |
| • Emulsion silicone systems              | ***  |

### Special features

- Silicone-coated on both sides as processing aid for preregs, a preliminary stage in making composites.
- Double-sided adhesive tape, e.g. assembly tapes or for bondings in mobile telephones

### Features

- Very good silicone adhesion and low silicone consumption
- Excellent dimensional stability even with severe climatic fluctuations
- Good blister resistance even on high-temperature substrates
- Very good reel quality
- Individual support and personal consultation

### Special standards

Quality assurance system/safety system	ISO 9001:2008/OHSAS 18001:2007
Environmental quality system	ISO 14001:2004
Pulp quality	FSC-COC-024310; ECF / TCF, woodfree
Others	BfR XXXVI (analysis for conformity with the demands on food contact materials)

### Physical properties

	Value	Control methods
Grammage	gsm 120 ± 3	ISO 536
Thickness	µm 117 ± 5	ISO 534
Smoothness (Bekk) top side	sec > 150	ISO 53107
Smoothness (Bekk) rear side	sec > 100	ISO 53107
Brightness	% 85	DIN 53145
Absolute humidity	% ca. 4.0	
Tensile strength md	kN/m > 8.8	DIN EN 1924-2
Tensile strength cd	KN/m > 5.4	DIN EN 1924-2
Cobb Rizinus (2 min) top side	gsm < 1.5	
Cobb Rizinus (2 min) rear side	gsm < 2.0	

### User tips

Do not unpack reels until immediately before processing. Avoid storing of opened reels, especially at high humidity conditions.

#### Legend

\*\*\*\*super \*\*\*excellent \*\*good \*adequate -no information

Subject to modification at any time resulting from technical improvement. Status: 09.2011