



Z-Release C2S | Release Liner | Base Paper 120 gsm

- Upon request available in FSC quality and CO₂-neutral

Properties

Z-Release is a liner specially designed for solvent-based silicone systems.

Z-Release is a two-side clay-coated silicone base paper with excellent silicone compatibility and good holdout properties. The paper is coated by a Filmpress system online in the paper machine. This guaranties good reel quality and excellent runnability during silicone coating.

Application

- Silicone LH-Systems

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Special features

- Good paper for prepreg applications (pre-impregnated composite fibres), tapes

Special approvals

Features

- Good dimensional stability
- Excellent Lay flat properties
- Good smoothness
- Consistent thickness
- Good formation
- Optimal oil absorbtion
- Good silicone adhesion and fast curing

Special norms fulfilled

Quality assurance system/Security system
Others

ISO 9001:2008/OHSAS 18001:2007
BfR XXXVI (analysis for the conformity with the demands on food contact materials)

Environment programs

Environmental quality system
Pulp Quality
Sizing

ISO 14001:2004, FSC SQS-COC-024310
ECF/TCF pulp, woodfree
acid-free, neutral sizing

Physical properties

Grammage
Thickness
Smoothness (Bekk) Topside
Smoothness (Bekk) Backside
Brightness
Surface pH-Value
Absolute humidity
Tensile strength md
Tensile strength cd
Cobb Rizinus (2 min) Topside
Cobb Rizinus (2 min) Backside

gsm
µm
sec
sec
%
%
kN/m
KN/m
gsm
gsm

Value

120 ± 2
115 ± 5
> 150
> 100
85
7,3 ± 0,5
Ca. 5
> 8.8
> 5.4
< 1.5
< 2.0

Control methods

ISO 536
ISO 534
ISO 53107
ISO 53107
DIN 53145
SVI-EMPA 12
DIN EN 1924-2
DIN EN 1924-2

User tips

Temperature
Relative humidity

20 ± 3 °C
50 ± 5 %

Processing

Legende

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

Subject to modification at any time resulting from technical improvement. Status: 10.2010