

Z-Release C1+2S | Release Liner | Base Paper 120 gsm

- Upon request available in FSC quality and CO₂-neutral

Properties

Z-Release is a liner (ie. Backing paper) for pressure-sensitive labels and other adhesive-coated products.

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

Application

- | | |
|-----------------------------|-----|
| • Silicone LF-Systems | *** |
| • Silicone LH-Systems | - |
| • Silicone ESH-Systems | - |
| • Silicone UV-Systems | - |
| • Silicone Emulsion-Systems | *** |

Special features

- Good backing paper for pressure-sensitive labels and foils
- Good paper for e.g. tapes if used as two-side siliconized paper
- Very good for sign vinyl application (e.g. lay flat)

Special approvals

Features

- Good dimensional stability
- Excellent Lay flat properties
- Good smoothness
- Consistent thickness
- Good formation
- Optimal oil absorption
- 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-24310
ECF 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
117 ± 5
> 150
> 80
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 20 ± 3 °C
Relative humidity 50 ± 5 %

Processing

Adhesive laminating ****

Legende

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

Subject to modification at any time resulting from technical improvement. Status: 07.2010