

# TECHNICAL DATA SHEET

**SK4SP-1BR120, SK4SP-1WH120**

**Silicone paper**

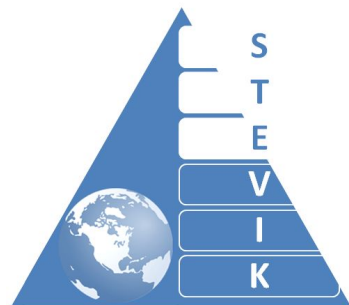
## ► DESCRIPTION

Supercalendered kraft paper, also known as glassine 2 side coated. It is paper of 120gsm Brown / White SC Kraft 2:1 narrow differential release. Specification values in bold, N.B. only relevant tests will be measured.

This product is used in various manufacturing processes of parts made of composite materials.

## ► TECHNICAL DATA

Characteristics	Units	Value	Tolerance	Test method
<b>Total Substance</b>	gsm	<b>120</b>	114-126	STM88
<b>Thickness</b>	μ	<b>100</b>	95-105	STM44
<b>Embossing depth</b>	μ			
<b>Base Weight</b>	gsm		+/- 5%	STM88
<b>Wax weight</b>	gsm			STM89
<b>Tensile Strength</b>	N/15mm	<b>180/120</b>	Min. MD value 140	STM43
<b>Extension at break</b>	%			
<b>Load at 10% / 25% extension</b>	N/25mm			
<b>Burst Strength (Mullen)</b>	kPa	<b>700</b>	Min. Value 600	STM41
<b>Tear Strength (Elmendorf)</b>	mN	<b>700/900</b>		STM42
<b>Cobb Value (60sec; water)</b>	gsm			STM37
<b>Aim moisture content</b>	%	<b>4.5-6.5</b>	Min. 4.0	W I 10
<b>Ink bleed - 90min @ 90°C</b>				STM15
<b>Polythene adhesion</b>				STM31
<b>Curl at 50% RH</b>	mm		Maximum	STM133
<b>Curl in finished laminate</b>	mm			
<b>Release Characteristics</b>				
<b>Tape - AT160</b>	gf / 25mm	<b>5-10 / 10-15</b>	12g / 20g max	STM1
<b>Tape - Tesa 7475</b>	gf / 25mm	<b>8-15 / 20-30</b>	For info only	STM2
<b>Tape - Tesa 7476</b>	gf / 20mm	<b>30-40 / 40-50</b>		STM2
<b>Other release test-specify:</b>	gf / 50mm		Air range – For info only	STM117



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## SK4SP-1BR120, SK4SP-1WH120

### Silicone paper

Migration test	1 - 4	1	1 max	W I 15
Silicone coat weight	gsm		For info only	W I 9
Transparency (from base paper spec)	%		minimum	
Gloss			For info only	
Coefficient of friction (static)			For info only	
Coefficient of friction (dynamic)			For info only	
Recommended process temperature	°C	180°C max	For info only	

Material type: Paper  
Release coating: Silicon  
Core diameter: 76mm

Food contact status	Not suitable
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Shelf life: 18 months in original packing

Storage conditions: recommended T=20°C (+/- 10°C) in the dry area

#### ► NOTE

Other sizes are available on special order.  
Other colours are available on special order.

#### Important General Statement:

Since the end use of this release liner is beyond our direct control, we expect that customers will satisfy themselves that the release liner is suitable for their end use. Unless specifically negotiated, we reserve the right to use raw material from more than one source whilst maintaining a commercial match within the terms of this data sheet.

Sheet, reel and core sizes should be specified on the official order and will be subject to normal British Paper Trade tolerances.

Please note silicone coated side wound inside on 1 side coated products, or tight side wound inside for 2 side coated products unless specified on customer order.