

PERMASTAT® Stretch Film

Part No.: 3170.xxxx

- Electrostatic dissipative Polyolefin film
- Material classification according to IEC 61340-5-3:
 - Surface dissipative
 - Volume dissipative
- ESD classification symbol: 
- Good mechanical properties
- Adhesive inside, outside not adhesive
- Suitable for machine and hand wrapping
- Recyclable 
- Colour: pink



Part.-No.	Roll width	Roll length	Material thickness	Core diameter - inside	Weight	Qty
3170.0300	500 mm	300 m	0.025 mm	50 mm	3.5 kg	4
3170.1560	500 mm	1560 m	0.025 mm	76 mm	18 kg	1

Mechanical properties:

Property	Test method	Typical values
Maximum pre-stretch	Highlighttester	300 %
Friction coefficient (COF) of the not adhesive outside	DIN EN ISO 8295, filme / metal	0,3 – 0,4
Tear strength – lengthwise (MD)	Elmendorf DIN 53128	> 120 g
Tear strength – crosswise (TD)	Elmendorf DIN 53128	> 350 g
Dart drop	ASTM-D-1709	100 g
Yield strength – lengthwise (MD)	ISO 527-3	> 9 Mpa
Yield strength – crosswise (TD)	ISO 527-3	> 9 Mpa
Breaking stress – lengthwise (MD)	ISO 527-3	> 50 Mpa
Breaking stress – crosswise (TD)	ISO 527-3	> 35 Mpa
Breaking elongation – lengthwise (MD)	ISO 527-3	> 600 %
Breaking elongation – crosswise (TD)	ISO 527-3	> 800 %

Product qualification according to DIN EN 61340-5-3:

	Test method	Limits	Typical values
Surface resistance R_s	IEC 61340-2-3	$1 \times 10^4 \leq R_s < 1 \times 10^{11} \Omega^*$	$10^{10} \Omega$
Volume resistance R_v	IEC 61340-2-3	$1 \times 10^4 \leq R_v < 1 \times 10^{11} \Omega^*$	$10^{10} \Omega$

Environmental conditions: 12 ± 3 % RH and 23 ± 2 °C (conditioning > 48 hours)

* The surface resistance $R_s < 1 \times 10^{11} \Omega$ can be guaranteed up to 3 years under normal use and storage conditions.