



PERMASTAT® Bags (Part No.: 3110.36x)

- Long term static dissipative Polyethylene film*
- Material classification according to IEC 61340-5-3:
 - Surface dissipative
 - Volume dissipative

- ESD classification symbol:



- Heat sealable

- Recyclable



- Colour: Pink

- Standard print:

Product name, ESD symbol, Recycling symbol and LOT Nr.



Mechanical properties:

Film thickness	60 µm	100 µm
Density	0.982 g/cm ³	0.982 g/cm ³
Elongation of brake according to DIN 527-3 MD % / TD %	400 / 510	450 / 560
Tensile strength according to DIN 527-3 MD N / TD N	21 / 23	25 / 26
Dart-Drop according to DIN ASTM D 1709-98	140 g	200 g

Product qualification according to IEC 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 and volume resistance R_v < 1 x 10¹¹ Ω can be guaranteed up to 3 years under normal use and storage conditions.

Note:

All PERMASTAT® products are intended only for ESD protection in industrial electronic production.