

DATA SHEET ESD shielding bags



GENERAL DATA

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|--------------------|--|
| product type | SN6001 ESD shielding film (bag) |
| film composition | outside layer: dissipative Polyethylene (PET) center layer: Aluminum (AL) inside layer: dissipative Polypropylene (PP) |
| color | grey, semi-transparent |
| material thickness | 75 μm (3.0 mils +/- 8%) |
| puncture strength | 14 lbs. (FTMS 101) |
| seam strength | according to MIL-PRF-81705D |
| tensile strength | 35 lbs./ in width (ASTM D882) |
| light transmission | 40% +/- 5% (ASTM D-1003) |

ELECTRICAL DATA

| | |
|------------------------------|---------------------------------------|
| electrostatic shielding | > 30 dB (MIL-B-81705-C) |
| interior surface resistivity | < $10^{10} \Omega$ (ASTM D257) |
| exterior surface resistivity | < $10^{10} \Omega$ (ASTM D257) |
| metalized layer resistivity | < $15 \Omega / \text{sq}$ (ASTM D257) |
| static decay | < 0.3 sec (EIA-541) |
| remains voltage | < 30V (EIA-541) |

OTHER DATA

| | |
|-------------------|---|
| heat sealing data | temperature: 140° C time: 0,7 – 1,0 sec. pressure: 30 PSI |
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StarFields' Connection Components
Utrechtseweg 179
NL-6812 AD Arnhem

Tel. +31 (0) 26 442 70 75
Fax +31 (0) 26 442 46 56

website: www.starfields.nl
e-mail: info@starfields.nl
BTW NL1124.32.451B01

Rabobank Arnhem 3850.53.177
K.v.K. Centraal Gelderland 09142086