

DATA SHEET ESD shielding bags SN6001/6002



GENERAL DATA

product type	ESD shielding film (used for SN6001/SN6002 series ESD-bags)
film composition	outside layer: dissipative Polyethylene (PET) center layer: Aluminum (AL) inside layer: dissipative Polypropylene (PP)
color	grey, semi-transparent, with yellow printing
material thickness	75 μm +/- 6%
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 (Mil-PRF 81705D / IEC 61340-5-1)

electrostatic shielding	> 30 dB (MIL-B-81705-C)
interior surface resistivity	< 10^{11} Ω /sq. (ASTM D257 / IEC 61340-2-3)
exterior surface resistivity	< 10^{11} Ω /sq. (ASTM D257 / IEC 61340-2-3)
metalized layer resistivity	< 50 Ω /sq. (ASTM D257 / IEC 61340-2-3)
static decay	< 0.05 sec. (EIA-541 / IEC 61340-2-3)
discharge shielding	< 50 nJ (ANSI / ESD STM 11.31)
remains voltage	< 30V (EIA-541)
EMI	> 10 dB

HEAT SEALING DATA

temperature:	140° C
time:	0,7 – 1,0 sec.
pressure:	30 PSI