

Technical Data Sheet
No. TDS11W
ANTI-STATIC GRADE MIL-PRF-81705D
ALUMINIUM BARRIER FOIL

PP2194

Construction

Printed Metallised Polyester
Polyethylene
7 mic Aluminium Foil
SD-Nucrel
Total Thickness = 83 microns

Technical Values / Performance

Basic Weight: 98g. / m²
Tear Strength(MD): 70 grams (ASTM 689)
(CD): 70 grams (ASTM 689)
Puncture Strength: 83 N ((Fed. TM 2065)
Sealing Conditions: 130°C / 2 seconds
Seal Strength: 42 N (ASTM-D882)
Water Vapour Permeability: 0.009 g. / m² / 24hrs
0.009 cc. / m² / 24hrs
Surface Resistivity Inner: >10⁷ ohms/sq (ASTM-257)
(Outer): <10³ ohms/sq
Charge Dissipation: 0.01 to 0.02 secs (Fed. TM 4046)
EMI Attenuation: 38.8 dB (Mil-B-81705)
Static Shielding: -2V +3V (EIA-541)

Classification MIL-PRF-81705D

Application

This material is intended for applications requiring a flexible heat sealable barrier material with low water vapour transmission rate, good physical strength and protection against electrostatic damage. Particularly recommended for the storage and shipment of electronic equipment and surface mount components.

The information is given in good faith but must not be regarded as forming a specification.