

CPD DRY 100

6/12

CPD DRY 100 is an opaque and heavy duty material. It provides both electromagnetic and electrostatic shielding for superior protection of critical electronic components.

ELECTRICAL PROPERTIES

EMI SHIELDING (MIL-PRF-81705-REV.D) (1 - 10 GHz)	> 40 db
RESISTIVITY - CONDUCTIVE METAL LAYER (ASTM D-257)	< 2 Ohm/in. ²
SURFACE RESISTIVITY (OUTER/INNER) (ASTM D-257)	< 1012 Ohm/in. ²
ELECTROSTATIC DECAY (FTMS 101C) (5000 to 0 V)	< 0.05 sec.
CAPACITIVE PROBE TEST(EIA 541)	< 8 V
CHARGE GENERATION (nC/in.2)	TEFLON: -0.09 QUARTZ: +0.10

PHYSICAL PROPERTIES (dissipative layer/MET PET/2.6 mil LDPE/dissipative layer)

TOTAL THICKNESS (TAPPI 411)	3.6 mil
LIGHT TRANSMISSION (ASTM D-1003-77)	< 0.01%
TENSILE STRENGTH (D882-83, METHOD A)	MD: 9000 lb./in. ² TD: 10500 lb./in. ²
TEAR STRENGTH (D1004-66 NOTCHED)	MD: 4.7 lbs. TD: 4.3 lbs.
BURST STRENGTH (FTMS 191-C METHOD 5122)	84 lb./in. ²
PUNCTURE STRENGTH (FTMS 101-C METHOD 2065.1)	> 20 lbs.
MOISTURE VAPOR TRANSMISSION RATE (ASTM F1249)	< 0.02 gr./100 in ² 24 hrs.
ELONGATION (ASTM D822-83, METHOD A)	MD: 98% TD: 80%

Central Package & Display makes no warranty, expressed or implied, as to the suitability of these materials for any specific use. The values shown above were developed from random samples taken from production material. We believe them to be typical for the product. Actual values may vary somewhat from those depicted here. Customers should determine product suitability based upon their own internal criteria.