



| Item | Format | External Size | Unit |
|-----------------------|--------------|---------------|------|
| 91228 | A7 Landscape | 82 x 117mm | 6 |
| 91229 | A6 Portrait | 158 x 115mm | 4 |

Unless otherwise noted, tolerance is $\pm 10\%$
 Specifications and procedures subject to change without notice.

- A. Dissipative Document Wallets are rigid dissipative, low charging antistatic document pouches with self-adhesive backing are designed for use within ESD Protected Areas. Unprotected documents could hold electrostatic charges that may cause damage to electrostatic sensitive devices.
- B. The pouches are made of clear vinyl film that is low-charging and dissipative, which means that electrostatic charges will be removed to ground when handled by a grounded operator or placed on a grounded working surface
- C. The products contain antistatic additives that bloom to the surface of the film. They meet or exceed the requirements for surface resistance and static decay time of MIL-B-81705C, EIA-541, and EN 61340-5-1.
- D. The pouches use an adhesive that will not leave a residue on most surfaces. Density is 0.99 to 1.02 g/ccm. Auto-ignition temperature is above 250 °C.
- E. The pouches have thumb holes and no markings.



Film properties

| Property | Value |
|--|-----------------------|
| Density | 1.3g/ccm |
| Cold break temperature | -20°C |
| Heat deflection temperature | +70°C |
| Film thickness | 200 micron |
| Film thickness tolerance | $\pm 5\%$ |
| Outgassing 180°C, <10E-5 Torr, 24h | 0.53%TML 0.09%CVCM |
| Surface resistance @ 22°C / 15% rH (IEC 61340-2-3) | <10E11 ohms |
| Charge decay time @ 22°C / 15% rH (EIA 541 app. F) | 0.1s |
| 12 day oven aging 70 °C | |
| Surface resistance | 10E11 ohms |
| Charge decay time | <2s |
| Colour | clear, transparent |

EN 61340-5-1 "Paperwork inside the EPA shall either be kept in containers conforming to the requirements of table 2 or shall not generate a field in excess of that specified in paragraph 5.3.5 (ESDS should not be exposed to electrostatic fields in excess of 10 kV/m)." Insulative paper, placed upon ESD protected worksurface, can easily interrupt path-to-ground.



Made in Britain



Dissipative Document Wallets

CHARLESWATER LTD.
 UNIT 17, MILLBROOK BUSINESS PARK, SYBRON WAY
 CROWBOROUGH, EAST SUSSEX TN6 3JZ UNITED KINGDOM
 PHONE: 00 44 (0) 1892-665313, FAX: 00 44 (0) 1892-668838
 INTERNET: Charleswater.co.uk

Drawing Number
 91228.E

DATE:
 September
 2011