



- A. Charleswater rigid dissipative document wallets are designed for use within ESD Protected Areas. Unprotected documents could hold electrostatic charges that may cause damage to electrostatic sensitive devices.
- B. The wallets are made of clear vinyl film that is low-charging, which means that during normal use they are non-tribocharging.
- C. The products contain dissipative 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.
- D. With or without 4-hole spine. Wallets without spine have thumbhole at the top.



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	± 5%
Outgassing 180°C, <10E-5 Torr, 24h	0.53%TML 0.09%CVCM
Surface resistance @ 22°C / 15% rH (EN 61340-5-1)	10E9 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

Item	Format	External Size	Spine	Unit
91227	A4 Portrait	302 x 222mm	Four-hole	10

Unless otherwise noted, tolerance ±10%

Specifications and procedures subject to change without notice.

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



Rigid Dissipative Document Wallets

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