

SOLDER CONNECTION

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Technical Bulletin

Issue 1 - 30/03/22

PINK ANTI-STATIC BAGS

DESCRIPTION

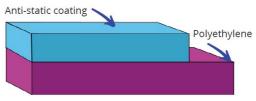
Pink anti-static bags are ideal for use in transporting non-static sensitive devices, (e.g. nuts, bolts etc.) into an Electro-static Protected Area. (E.P.A.) The construction allows the static charge to dissipate, preventing static charge build up. All bags are 60microns thick, supplied with ESD symbol as standard. Available in open top and loc-top resealable. All packs are supplied in 100pcs. Anti-static bags (pink in colour) are the only acceptable plastic bags for use in an electrostatic protected area. Pink anti-static bags have a layer of anti-static coating and no shielding ability. The material will not charge is rubbed in conjunction with other materials

FEATURES AND BENEFITS

- All bags are 60 microns thick and are supplied in packs of 100.
- Supplied with ESD symbol as standard.
- Available in open-top or resealable loc-top. .
- Ideal for use in transporting non-static sensitive devices, (e.g. nuts, bolts etc.) into EPA.
- Construction allows the static charge to dissipate, preventing static charge build up.
- Meets the requirements of ESD STM11.31-2006, EIA541, MIL81705, MIL-STD-3010 4046, IEC61340-5-1-1998.
- Bags can be closed temporarily with ESD warning label.
- Each bag is RoHS and REACH compliant.
- Bespoke sizes, thickness, printing and packaging solutions can be manufactured on request.

CONSTRUCTION

Our pink anti-static bags have a layer of anti-static coating and no shielding ability. The material will not charge if rubbed in conjunction with other materials



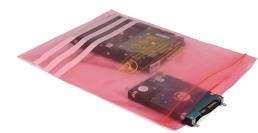
| Electrical Properties: | Typical Values | | |
|----------------------------------|----------------------------------|--------------------------|--|
| Surface Resistivity / Resistance | STM11.31-2006/ ANSI/ESD STM11.11 | | |
| Interior | >10^6 <10^11 ohms/square | >10^6 <10^11 ohms/square | |
| Exterior | >10^6 <10^11 ohms/square | >10^6 <10^11 ohms/square | |
| Static Decay | < 2 seconds IEC61340-5-2-3:2016 | | |
| Charge Retention | <100 volts IEC61340-5-2-3:2016 | | |
| | | | |

Pass MIL-PRF-81705

Physical Properties: Seam Strength

Heat Sealing Conditions Temperature 110°C – 150°C Time 0.5-3.5 seconds Pressure 20-60 PSI Thickness 0.06mm +/- 10% Outgassing Pass ASTM E595 Non-Corrosive Pass FTMS 101 MTH 3005 Shelf Life > 3 Years

e <30 volts





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CONSTRUCTION

Pink Open Top Bag - Standard Sizes (Packs of 100)

| Reference | Size (inches) | Size (mm) |
|-----------|---------------|--------------|
| PB35 | 3" x 5" | 76 x 127 mm |
| PB46 | 4" x 6" | 102 x 152 mm |
| PB58 | 5" x 8" | 127 x 203 mm |
| PB68 | 6" x 8" | 152 x 203 mm |
| PB610 | 6" x 10" | 152 x 264 mm |
| PB810 | 8" x 10" | 205 x 254 mm |
| PB812 | 8" x 12" | 203 x 305 mm |
| PB1012 | 10" x 12" | 254 x 305 mm |
| PB1014 | 10" x 14" | 254 x 355 mm |
| PB1214 | 12" x 14" | 305 x 355 mm |
| PB1216 | 12" x 16" | 305 x 406 mm |
| PB1218 | 12" x 18" | 305 x 457 mm |
| PB1416 | 14" x 16" | 355 x 406 mm |
| PB1618 | 16" x 18" | 406 x 457 mm |
| PB1620 | 16" x 20" | 406 x 508 mm |
| PB1824 | 18" x 24" | 457 x 610 mm |



Pink Loc-Top Resealable Bag - Standard Sizes (Packs of 100)

| Reference | Size (inches) | Size (mm) |
|-----------|---------------|--------------|
| LTP35 | 3" x 5" | 76 x 127 mm |
| LTP46 | 4" x 6" | 102 x 152 mm |
| LTP58 | 5" x 8" | 127 x 203 mm |
| LTP610 | 6" x 10" | 152 x 254 mm |
| LTP810 | 8" x 10" | 203 x 254 mm |
| LTP812 | 8" x 12" | 203 x 305 mm |
| LTP1012 | 10" x 12" | 254 x 305 mm |
| LTP1014 | 10" x 14" | 254 x 355 mm |
| LTP1216 | 12" x 16" | 305 x 406 mm |
| LTP1218 | 12" x 18" | 305 x 457 mm |
| LTP1820 | 18" x 20" | 457 x 508 mm |



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