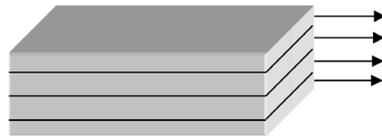


## Product Data Sheet

### Description

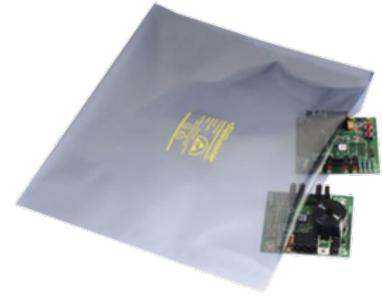
Heat sealable, electrostatic protective, flexible multi-layer laminated material for packaging of ESD sensitive devices.

### Construction



Outer ↓ Inner Layers

Static Dissipative Coating  
 Vacuum-Metallized Polyester  
 Polyethylene  
 Static Dissipative Coating



## Technical Data

| Physical Properties                | Test Method              | Typical Value                  |
|------------------------------------|--------------------------|--------------------------------|
| Total Thickness                    | ASTM D-374               | 3.0 mil ± 10%                  |
| Tensile Strength                   | ASTM D-882-91, Method A  | MD > 5,000 psi, TD > 5,500 psi |
| Tear Strength                      | ASTM D-1004-94 Notched   | MD > 2.0 lbs, TD > 2.8 lbs     |
| Puncture Strength                  | FTMS 101C, Method 2065.1 | ≥ 12 lbs                       |
| Heat Seal Strength                 | ASTM D-882-91            | ≥ 10 lbs/in                    |
| MVTR (100 in <sup>2</sup> /24 hrs) | ASTM F-1249-90@100F      | < 0.25 gm                      |
| Light Transmission                 | ASTM D1003-92            | 40% ± 5%                       |

| Electrical Properties      | Test Method                         | Typical Value                                    |
|----------------------------|-------------------------------------|--|
| Surface Resistance – Outer | ANSI/ESD-STM-11.11 @12% and 50% RH  | ≥1.0x10 <sup>4</sup> to < 1.0x10 <sup>11</sup> Ω |
| Surface Resistance – Inner | ANSI/ESD-STM-11.11 @12% and 50% RH  | ≥1.0x10 <sup>4</sup> to < 1.0x10 <sup>11</sup> Ω |
| Static Shielding           | ANSI/ESD-STM-11.31 @ 12% and 50% RH | < 15 nJ  |

Note: Data shown are typical values and should not be used as specifications.

## Sizes

| Available Sizes (3 mil) |          |          |          |           |           |           |           |
|-------------------------|----------|----------|----------|-----------|-----------|-----------|-----------|
| 2" x 3"                 | 4" x 26" | 6" x 12" | 7" x 15" | 9" x 12"  | 10" x 30" | 14" x 16" | 18" x 20" |
| 2" x 4"                 | 4" x 29" | 6" x 14" | 8" x 8"  | 9" x 30"  | 11" x 14" | 14" x 18" | 18" x 24" |
| 2.25" x 4"              | 4" x 30" | 6" x 16" | 8" x 10" | 10" x 10" | 11" x 15" | 14" x 20" | 18" x 30" |
| 2" x 6"                 | 5" x 6"  | 6" x 18" | 8" x 12" | 10" x 12" | 12" x 12" | 15" x 15" | 20" x 20" |
| 3" x 4"                 | 5" x 7"  | 6" x 24" | 8" x 14" | 10" x 14" | 12" x 14" | 15" x 18" | 20" x 24" |
| 3" x 5"                 | 5" x 8"  | 6" x 26" | 8" x 16" | 10" x 16" | 12" x 16" | 16" x 18" | 24" x 24" |
| 4" x 4"                 | 5" x 10" | 6" x 27" | 8" x 18" | 10" x 18" | 12" x 18" | 16" x 20" | 24" x 30" |
| 4" x 6"                 | 6" x 8"  | 6" x 30" | 8" x 24" | 10" x 20" | 12" x 24" | 16" x 24" | 24" x 36" |
| 4" x 8"                 | 6" x 9"  | 7" x 10" | 8" x 30" | 10" x 24" | 12" x 25" | 16" x 30" | 30" x 30" |
| 4" x 24"                | 6" x 10" | 7" x 11" | 9" x 10" | 10" x 26" | 12" x 30" | 18" x 18" |           |