



MOISTURE BARRIER BAG SELECTION CHART

PRODUCT DETAILS	Aluminized Moisture Barrier <u>Dri-Shield 2000 Series</u>	High Puncture Aluminized Moisture Barrier <u>Dri-Shield 2700 Series</u>	Cleanliness Tested Aluminized Moisture Barrier <u>3370 Series</u>	High Barrier Foil Moisture Barrier <u>Dri-Shield 3000 Series</u>	High Barrier Foil Moisture Barrier <u>Dri-Shield 3400 Series</u>	High Puncture, High Barrier Foil Moisture Barrier <u>Dri-Shield 3700 Series</u>
Surface Resistance: Exterior (per ANSI/ESD STM11.11)	1 x 10 ⁴ to < 1 x 10 ¹¹ ohms	1 x 10 ⁴ to < 1 x 10 ¹¹ ohms	1 x 10 ⁴ to < 1 x 10 ¹¹ ohms	1 x 10 ⁴ to < 1 x 10 ¹¹ ohms	1 x 10 ⁴ to < 1 x 10 ¹¹ ohms	1 x 10 ⁴ to < 1 x 10 ¹¹ ohms
Surface Resistance: Interior (per ANSI/ESD STM11.11)	1 x 10 ⁴ to < 1 x 10 ¹¹ ohms	1 x 10 ⁴ to < 1 x 10 ¹¹ ohms	1 x 10 ⁴ to < 1 x 10 ¹¹ ohms	1 x 10 ⁴ to < 1 x 10 ¹¹ ohms	1 x 10 ⁴ to < 1 x 10 ¹¹ ohms	1 x 10 ⁴ to < 1 x 10 ¹¹ ohms
ANSI/ESD S11.4 Level	Level 3 (except Transparency)	Level 3 (except Transparency)	Level 3 (except Transparency)	Level 1	Level 1	Level 1
Discharge Shielding Energy Test (per ANSI/ESD STM11.31)	<10nJ	<10nJ	<10nJ	<10nJ	<10nJ	<10nJ
Thickness: Typical Value Nominal: ±10% (per MIL-STD-3010C 1003)	0.0036" (0.0914mm)	0.007" (0.1778mm)	0.0036" (0.0914mm)	0.006" (0.1524mm)	0.004" (0.1016mm)	0.0042" (0.1067mm)
Puncture - Average (per MIL-STD 3010C 2065)	20 lbs	30 lbs	20 lbs	16 lbs	20 lbs	25 lbs
Moisture Barrier MVTR (per ASTM F1249 and MIL-STD-3010C Method 3030)	≤0.035 (gms / 100 in ² / 24 hrs, 100°F)	≤0.030 (gms / 100 in ² / 24 hrs, 100°F)	≤0.028 (gms / 100 in ² / 24 hrs, 100°F)	≤0.0003 (gms / 100 in ² / 24 hrs, 100°F)	≤0.0003 (gms / 100 in ² / 24 hrs, 100°F)	≤0.0003 (gms / 100 in ² / 24 hrs, 100°F)
Non- corrosive (per FTMS 101C/4046)	Pass	Pass		Pass	Pass	Pass
Silicone (ASTM E168)	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected
Outgassing (per DHS)			150 µg/cm ²			
NVR (per Hexane Extract)			7.1 µg/cm ²			
IC (Anions) (per IC of DI Water Extract)			CL .025 µg/cm ² NO3 0.16 µg/cm ² S04 not detected			
HEAT SEALING CONDITIONS: (Temperature) (Time- Dwell) (Pressure)	300-400°F 0.6-4.5 sec 30-70 psi	400°F 0.6-4.5 sec 30-70 psi	400°F 0.6-4.5 sec 30-70 psi	400°F 0.6-4.5 sec 30-70 psi	400°F 0.6-4.5 sec 30-70 psi	400°F 0.6-4.5 sec 30-70 psi

Standards: Meets the requirements of ANSI/ESD S20.20, Packaging Standard, ANSI/ESD S541, and Static Control Bag ANSI/ESD S11.4 level as noted in table above.

See Static Control Bag Storage at [TB-9011](#).

RoHS 2, REACH, and Conflict Minerals Statement

None of the RoHS 2 restricted materials or REACH substances of very high concern as of 2015/06/15, or Conflict Minerals are intentionally added in manufacturing this product. Ref: European Union Directive 2011/65/EU and Regulation (EC) No. 1907/2006/CE.
See [SCS Warranty, Limitation of Liability and Remedies](#)



Mixed Unsortable Plastic Scrap

Mixed unsortable plastic scrap shall contain assorted plastics of multiple grades that are co-extruded, bonded or laminated together which are unsortable into individual grades.

SCS bags are recyclable



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Films are laminated and converted in United States of America

