



# DESCO

## BAG SELECTION CHART

	Statshield® Premium Metal-In Green Bag	Statshield® Hi- Strength Bag	Statshield® Standard Metal-In Bag	Statshield® Standard Metal-Out Bag	Statfree® Ultra Clear Bag	Statshield® Foil MBB Bag	Statshield® Metalized Standard MBB Bag	Statshield® Metalized High Puncture MBB Bag
<b>Surface Resistance: Interior/exterior</b> <small>per ANSI EOS/ESD S11.11</small>	<10E10 ohms	<10E11 ohms	<10E11 ohms	<10E11 ohms <10E9 ohms	<10E11 ohms	<10E11 ohms	<10E11 ohms	<10E11 ohms
<b>Energy test - Average</b> <small>per ANSI EOS/ESD F11.31</small>	≤15nJ	<25nJ	<25nJ	<25nJ	N/A	<10nJ	<10nJ	<10nJ
<b>Electrostatic Decay</b> <small>per FTMS 101C/4046</small>	<2 sec	<2 sec	<2 sec	<2 sec	<5 sec	<3 sec	<3 sec	<5 sec
<b>Static Shielding</b> <small>MIL -PRF-81705D, EIA-541</small>	<10 volts	<30 volts	<30 volts	<30 volts	N/A	<20 volts	<20 volts	<15 volts
<b>Type of bag according to Mil -PRF-81705D</b>	III	III	III	III	II	I	I	I
<b>Application</b>	RoHS & ESD sensitive items, multiple use bag	Dip tubes	ESD sensitive items, multiple use bag	ESD sensitive items	Non-ESD sensitive items	Dry packing of moisture sensitive devices	Dry packing of moisture sensitive devices	Dry packing of moisture sensitive devices
<b>Thickness - Nominal</b> <small>ASTM D374</small>	3 mil	3.1 mil	3 mil	3 mil	3.5 mil	4.0 to 4.2 mil	3.5 - 3.6 mil	6.5 - 7 mil
<b>Puncture - Average</b> <small>per FTMS 101C/4046</small>	>12 lbs	>19 lbs	>12 lbs	>12 lbs	>19 lbs	>27 lbs	>20 lbs	>30 lbs
<b>Moisture barrier MVTR</b> <small>per ASTM F1249-90</small>	N/A	N/A	N/A	N/A	0.15 (gms / 100 in2 / 24 hrs, 100°F)	0.0003 (gms / 100 in2 / 24 hrs, 100°F)	0.02 (gms / 100 in2 / 24 hrs, 100°F)	0.005 (gms / 100 in2 / 24 hrs, 100°F)
<b>Non- corrosive</b> <small>per FTMS 101C/4046</small>	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
<b>Outgassing</b> <small>ASTM E595</small>	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
<b>HEAT SEALING CONDITIONS:</b>	250-375°F	250-375°F	250-375°F	250-375°F	250-375°F	375-475°F	350-475°F	350-475°F
<b>(Temperature)</b>	0.56 -3.5 sec	0.56 -3.5 sec	0.56 -3.5 sec	0.56 -3.5 sec	0.56 -3.5 sec	0.56 -3.5 sec	0.56 -3.5 sec	0.56 -3.5 sec
<b>(Time- Dwell)</b>	40-80 psi	40-80 psi	40-80 psi	40-80 psi	40-80 psi	40-80 psi	40-80 psi	40-80 psi
<b>(Pressure)</b>								



Desco bags are manufactured in the America at our Canton, Massachusetts facility

*All Desco bags are RoHS compliant*



### 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.

**Desco's bags are recyclable**