



### Description:

Desco's standard weight (3 mil) shop traveler is made from a static dissipative coextruded polyolefin material. The triboelectric charge generation of the material is negligible (tested per EIA-541) to make them safe for use around ESD susceptible items. They are designed for top loading a standard 8.5" x 11" sheet of paper.

### Electrical Properties:

Static Decay:	< 1.0 sec.	per FTMS 101C, Method 4046
Surface Resistance:	$1 \times 10^4 < 1 \times 10^{11}$ ohms	per ANSI/ESD STM11.11

### Specifications:

Polycarbonate Compatibility:	3,400 PSI @ 73°F	
Corrosivity:	Negligible	per FTMS 101C-3005
Tensile Strength:	2000-3000 PSI	per ASTM D-882
Elongation @ Break:	500-800%	per ASTM D882
Ball Burst Impact Strength:	20-30 cm/kg	per ASTM D-3420
Tear Propagation:	200 grams	per ASTM D-1938
Modulus of Elasticity:	10,000-15,000 PSI	per ASTM D-882A
Coefficient of Friction:	0.3 Kinetic, Film to Film	per ASTM D-1894
N-Octanoic Acid Free		
Has No Measurable Outgassing		

#### RoHS and REACH Compliance Statement

None of the RoHS restricted materials or REACH substances of very high concern are intentionally added in manufacturing this product. Ref: Directive 2002/95/EC Article 4.1. and Regulation (EC) No. 1907/2006. See Desco Industries Inc. Limited Warranty at [Desco.com](http://Desco.com).

Per ANSI/ESD S541 section 7.2.2 Resistance of Dissipative Materials "A static dissipative material shall have a surface resistance of greater than or equal to  $1.0 \times 10^4$  ohms but less than  $1.0 \times 10^{11}$  ohms. Packaging materials that are in intimate contact with devices should be dissipative."

"It should be understood that any object, item, material or person could be a source of static electricity in the work environment. Removal of unnecessary nonconductors, replacing nonconductive materials with dissipative or conductive materials and grounding all conductors are the principle methods of controlling static electricity in the workplace, regardless of the activity." [ESD Handbook ESD TR20.20-2008 section 2.4 Sources of Static Electricity]

Shop Traveler embossed along the bottom with:

DESCO STATIC SAFE SHOP TRAVELER ITEM #07451

Inside Dimension Tolerances are -0 / +1/4" unless specified  
Specifications and procedures subject to change without notice.



Made in the  
United States of America

**STATFREE® SHOP TRAVELER, STATIC SAFE, 3 MIL. PACK OF 25**

# DESCO

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**DRAWING NUMBER**  
07451

**DATE:**  
July  
2014

# Mouser Electronics

Authorized Distributor

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Desco:

07451