



# TYPICAL PROPERTIES & SPECIFICATIONS SHEET

conductive containers, inc.

**DESCRIPTION:** Inherently Dissipative PVC  
Permanent

**APPLICATION:** Thermoforming  
Long Term Use

**CCI PART NUMBER: KleanStat Flex PVC**

PROPERTY	VALUE (U.S.)	TEST METHOD
Volume Resistance	10 <sup>8</sup> -10 <sup>10</sup> ohms/cm	ESD S11.12
Surface Resistance	10 <sup>8</sup> -10 <sup>10</sup> ohms/sq	ESD S11.11
Host Polymer	PVC Anti Stat	-----
Filler	IDP	-----
Color	Clear/Opaque	Visual
Specific Gravity	1.2 g/cc	ASTM D-792
Tear Resistance (.015)	7 lbs	ASTM D-1004
Tear Resistance (.040)	20 lbs	ASTM D-1004
Dimensional Stability	3.0%	ASTM D-1204
Dog Bone Tensile	2,500 psi	ASTM D-638
Tensile Elongation (Break)	500%	ASTM D-638
Thickness (.015)	(± 5% mils) 0.42mm	ASTM D-791
Thickness (.040)	(± 5% mils) 1.02mm	ASTM D-791

### CHARACTERISTICS:

- Inherently Static Dissipative
- Ultra-clean: low off-gassing and low ionic contamination
- Available Gauges: .015-.040
- Working Temp Range: -22-140 °F

### APPLICATIONS:

- Medical device packaging
- Electronic component handling
- Hard disk drive component packaging
- Superior cushioning
- Cost effective in comparison to KSF TPU

All values are for pre-formed materials. Electrical values will vary with each individual design.

All information, recommendations and suggestions appearing in this bulletin concerning the use of our products are based upon tests and data believed to be reliable; however, it is the user's responsibility to determine the suitability for their own use of the products described herein. Since the actual use by others is beyond our control, no guarantee, expressed or implied, is made by Conductive Containers, Inc. as to the effects of such use or the results to be obtained, nor does Conductive Containers, Inc. assume any liability arising out of use, by others, of the products referred to herein. Nor is the information herein to be construed as absolutely complete since additional information may be necessary or desirable, when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations. Nothing herein contained is to be construed as permission or as a recommendation to infringe any patent.