



Tape is wound on a plastic core.

## ESD High Temp Polyimide Tape



Used in applications masking PCB gold features for wave soldering and IR reflow ovens

- Removal leaves little or no residue
- Static charge generation during unwind and peel off stainless steel plate application is 5 volts @ 50% RH
- 1.0 mil thick (0.001" or 0.0254 mm) Polyimide Film (DuPont Kapton® or equivalent)
- 1.4 mil thick (0.0014" or 0.0356 mm) conductive polysiloxide adhesive
- Adhesive surface resistivity 10E3 to 10E4 ohms
- Max Temperature 260°C (500°F)
- For best results, apply to board using a rubber roller
- Flammability: NASA STD 6001, Test 1
- Hypergol ignition and Penetration testing: MTB-175-88 (for casual contact)

**Width** - See Metric Note

Tape	0.25"	0.5"	0.75"	1"	Core	Length
ESD High Temp Polyimide	<a href="#">81270</a>	<a href="#">81271</a>	<a href="#">81272</a>	<a href="#">81273</a>	3"	36 yd

Width tolerance  $\pm 1/32$ "

Users shall determine the suitability of the product for its intended use. For best results, tape inventory should be continually replenished. It is recommended that rolls of tape be stored flat and rotated (flipped over to the other side) periodically. Tapes should be stored in a dry, well ventilated room with a reasonably consistent temperature of 68°F (20°C) and be protected from exposure to direct sunlight. Tape should not be stored in ultraviolet sunlight, moisture, or heat. Tape over one year old should be evaluated by the user to determine acceptability for the user's application. Desco Industries, Inc. recommends those tracking useful life of product to use shipping/invoice date as Desco Industries, Inc. expressly warrants that for a period of one (1) year from the date of purchase, our Wescorp Brand ESD Tape will be free of defects in material (parts) and workmanship (labor). See details of Limited Warranty online at [Desco.com/Warranty.aspx](http://Desco.com/Warranty.aspx)

Specifications and procedures subject to change without notice

\*Wescorp is a Desco Industries brand.

Tape widths are nominal metric  $\pm 0.8$  mm ( $\pm 1/32$ ").

1/4" is 6 mm nominal or 0.236"  
 1/2" is 12 mm nominal or 0.472"  
 3/4" is 18 mm nominal or 0.709"  
 1" is 24 mm nominal or 0.945"  
 2" is 48 mm nominal or 1.890"

### RoHS Compliance Statement

None of the following materials are intentionally added in manufacturing this product: lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls (PBB) or polybrominated diphenyl ethers (PBDE) as outlined in the Directive 2002/95/EC Article 4.1. See Desco Industries Inc. letter on-line at [Desco.com](http://Desco.com).

### WESCORP\* ESD HIGH TEMP POLYIMIDE TAPE, PLASTIC CORE

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