



## ESD High Temp Polyimide Tape

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



- Tape is wound on a plastic core
- ESD protective symbol is marked on the product (located on the core of the roll) per ANSI/ESD S541
- Marked with manufacture information per ANSI/ESD S541 for quality control purposes
- 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 resistance  $1 \times 10^2$  to  $< 1 \times 10^5$  ohms per ANSI/ESD STM11.11
- Film surface resistance  $1 \times 10^8$  to  $< 1 \times 10^{11}$  ohms per ANSI/ESD STM11.11
- Max Temperature 260°C (500°F)
- For best results, apply to board using a rubber roller

### Wescorp Tape Storage and Limited Warranty:

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](http://Desco.com)

\*Wescorp is a Desco Industries brand.

**Note:** Tape rolls may vary slightly in color

Specifications and procedures subject to change without notice

**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  $\pm 1/32"$

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"

#### RoHS, REACH, and Conflict Minerals Statement:

See [RoHS, REACH, and Conflict Minerals Statement](#) at Desco.com.

#### Limited Warranty

See Desco's [Limited Warranty](#) at Desco.com

Made in Ireland

# DESCO

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

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**DRAWING NUMBER**  
81270

**DATE:**  
August  
2020

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