

TP**POLYESTER TAPE**

TP tapes are polyester tapes available in a range of colors. Their main applications include graphic arts, splicing, electrical insulation, film seaming, and repair. These tapes offer good adhesive wet out and low adhesion properties. Several of these are used to print and wrap over capacitors.

Operating Temperature Range: Silicone Adhesive (S):
 -100°F (-73°C) to 350°F (177°C)
 Rubber Adhesive (R):
 -0°F (-18°C) to 325°F (163°C)
 Acrylic Adhesive (A):
 -20°F (-29°C) to 325°F (163°C)

Standard Colors: See Below

Applicable Specifications: Mil-I-15126, consult factory

| Catalog Number Size | Adhe- -sive | Backing Thickness | | Adhesive Thickness | | Total Thickness | | Adhesion Strength | | Tensile Strength | | Elongation % | Color |
|------------------------|----------------|-------------------|-------|--------------------|-------|-----------------|-------|-------------------|------|------------------|-------|--------------|------------|
| | | mil | mm | mil | mm | mil | mm | oz/in | g/cm | lbs/in | kg/cm | | |
| TP-1/2-S-6 | S | 1.0 | 0.025 | 2.0 | 0.051 | 3.0 | 0.076 | 25 | 276 | 25 | 4.5 | 100 | Blue |
| TP-1/2.8-S-2 | S | 1.0 | 0.025 | 2.8 | 0.071 | 3.8 | 0.097 | 30 | 331 | 25 | 4.5 | 100 | Red |
| TP-1/2-S-X | S | 1.0 | 0.025 | 2.0 | 0.051 | 3.0 | 0.076 | 30 | 331 | 25 | 4.5 | 100 | Clear |
| TP-1/1.5-S-6 | S | 1.0 | 0.025 | 1.5 | 0.038 | 2.5 | 0.064 | 30 | 331 | 25 | 4.5 | 100 | Blue |
| TP-2/1.5-S-5 | S | 2.0 | 0.051 | 1.5 | 0.038 | 3.5 | 0.089 | 40 | 441 | 50 | 8.9 | 120 | Green |
| TP-1/0.5-R-6 | R | 1.0 | 0.025 | 0.5 | 0.013 | 1.5 | 0.038 | 5 | 55 | 25 | 4.5 | 100 | Lt. Blue |
| TP-1/2-R-4 | R | 1.0 | 0.025 | 2.0 | 0.051 | 3.0 | 0.076 | 30 | 331 | 25 | 4.5 | 100 | Dk. Yellow |
| TP-1/2-R-5 | R | 1.0 | 0.025 | 2.0 | 0.051 | 3.0 | 0.076 | 15 | 165 | 25 | 4.5 | 100 | Green |
| TP-2/2-R-5 | R | 2.0 | 0.051 | 2.0 | 0.051 | 4.0 | 0.102 | 15 | 165 | 50 | 8.9 | 120 | Green |
| TP-1/1.5-A-4 | A | 1.0 | 0.025 | 1.5 | 0.038 | 2.5 | 0.064 | 30 | 331 | 25 | 4.5 | 100 | Yellow |
| TP-1/1.5-A-9 | A | 1.0 | 0.025 | 1.5 | 0.038 | 2.5 | 0.064 | 25 | 276 | 25 | 4.5 | 100 | White |

TF**FEP TAPE**

TF tape is manufactured from clear FEP Teflon film, bonded with silicone adhesive. This tape offers very high electric strength (V/mil) compared to the other tapes available. Often used for coil and transformer insulation, and for identification labels due to its transparency.

Operating Temperature Range: -100°F (-73°C) to 400°F (204°C)
 Standard Color: Clear

| Catalog Number Size | Adhe- -sive | Backing Thickness | | Adhesive Thickness | | Total Thickness | | Adhesion Strength | | Tensile Strength | | Elongation % |
|------------------------|----------------|-------------------|-------|--------------------|-------|-----------------|-------|-------------------|------|------------------|-------|--------------|
| | | mil | mm | mil | mm | mil | mm | oz/in | g/cm | lbs/in | kg/cm | |
| TF-2/1.5-S | S | 2.0 | 0.051 | 1.5 | 0.038 | 3.5 | 0.089 | 20 | 220 | 8 | 1.4 | 275 |