



Cable Tape

Vulko-Wrap™ Self-Vulcanizing Insulating Wrap

Vulko-Wrap™ is ATPC's popular self-vulcanizing insulating wrap. Made of a specially compounded, synthetic silicone elastomer, this tape is resistant to oil, water, ozone and many chemicals. It has a high dielectric strength and is completely safe to use on all electrical connections. It sticks to itself without sticky residue and fully bonds in 24 hours yet remains pliable in the application. It remains effective in temperatures ranging from -60°F to +400°F. Vulko-Wrap is available in 40 or 50 mil thickness as well as a reinforced option. It comes in yellow and black.

Ratings



MIL-I-46852 (Superseded by CID A-A-59163A, Type II)

Temperature Rating -60°F to 400°F

Elongation (Per ASTM D-412): 300% Minimum

Tensile Strength (Per ASTM D412): 700 PSI Min; 17 lbs. for 40 mil; 42 lbs. for 50 mil.

Performance Characteristics

✓ Self-Vulcanizing ✓ High Dielectric Strength ✓ Radiation Resistance

Engineered to Resist



Flexing



High Temperature



Cold Temperature



Chemicals

Features & Benefits

High Dielectric Strength

Effective for all electrical connections.

Specially Compounded,
Synthetic Silicone Elastomer

Resistant to oil, water, ozone, and many chemicals as well as temperatures from -60°F to +400°F.

Immediate Vulcanization

Requires no heat – becomes fully bonded in 24 hours at room temperature. Remains pliable over time.

Adhesive-Free

Easy to remove – leaves no residue. Covered fittings are immediately reusable.

Triangular Cross-Section with
Color Guideline

Allows even thickness for uniform high dielectric strength.

Stretches to Approximately
2-1/2 Times its Length

Conforms to irregular shapes and uneven surfaces. Can be used on parts that move or vibrate.

Available in Multiple Sizes

Covers more surface than the ordinary electrical tape with a single wrap. Extra thick design allows wrapping over sharp and irregular surfaces without tearing or puncturing.

Radiation Resistance

Maintains flexibility when exposed to Gamma Radiation.

Ordering Information

For complete product ordering information, please scan the QR Code or contact your ATPC sales representative

Part Number 1 Roll	Part Number 5 Roll Pack	Nominal Thickness	Nominal Width	Nominal Length	Wrap Color	Guideline Color	Dielectric Strength/Per Mil
98412	98412D	40 Mils	1 in (2.54 cm)	36 ft (1100 cm)	Yellow	Red	300 Volts
98512	98512D	50 Mils	1-1/2 in (3.81 cm)	36 ft (1100 cm)	Yellow	Black	275 Volts
98412BK	98412BKD	40 Mils	1 in (2.54 cm)	36 ft (1100 cm)	Black	Green	300 Volts
98512BK	98512BKD	50 Mils	1-1/2 in (3.81 cm)	36 ft (1100 cm)	Black	Yellow	275 Volts

