



Cable Tape

High Temperature Silica Tape

High Temperature Silica Tape is made of 96% pure SiO₂ silica fiber which offers superior resistance to radiant heat and flame. It's an ideal solution for electrical cables that are exposed to extreme heat. It is suitable for continuous use at 982°C (1800°F) and will withstand short term exposure with temperatures as high as 1260°C (2300°F). This wrap will not unravel or pull back from extreme heat. Adhesive backing decomposes when heated, leaving a perfectly wrapped hose, cable or assembly.

Protect your hydraulic and pneumatic lines and electrical cables from exposure to high and extreme heat conditions. Use our High Temperature Silica Tape to fasten our Ultra-Sleeves to your lines, pipes and cables.

Ratings

Continuous Temperature Rating 982°C (1800°F)

Performance Characteristics

- ✓ Flame Resistance: Outstanding
- ✓ Molten Splash Resistance: Good
- ✓ Abrasion Resistance: Moderate
- ✓ Water & Oil Resistance: Moderate
- ✓ Flexibility: Outstanding

Engineered to Resist

 Flexing  High Temperature

Features & Benefits

Unique Silica Based Tape

Designed using 96% pure SiO₂ silica fiber. Offers superior resistance to radiant heat and flame.

Extreme Temperature Properties

Suitable for continuous use at 982°C and intermittent use up to 1260°C. Offers superior protection for cables, assemblies, or hoses exposed to extreme heat or flames.

Excellent Alternative to Asbestos

Protects hoses, cables, and other equipment from extreme heat, molten metals, sparks and flames in a wide range of welding and heat-treating operations.

High Temperature Resistant Adhesive Backing

Allows for ease of installation with no need to disconnect hoses or cables. Simply remove the backing tape and wrap around the object to be protected.

Self-Sealing Design

Adhesive backing on tape facilitates installation. It is recommended that once the tape has been installed, each end should be fastened with a tie or clamp.

Ordering Information

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

Part No.	Nominal Width (in.)	Nominal Length/Roll (ft.)	Nominal Thickness Including Backing (in.)
91110	1	25	0.030
91111	2	25	0.030
91113	4	50	0.030



Cable Tape

Vulko-Wrap™ Black Reinforced

Reinforced Vulko-Wrap™ has the same excellent properties as Vulko-Wrap™, but has been embedded with a glass yarn fiber braid for added strength while maintaining the flexibility. Reinforced Vulko-Wrap has a temperature rating of -60°F to +400°F and has a dielectric strength of 500 volts per mil. One roll has 36 feet of tape that is one inch wide. It is available in 40 mil thickness in the color black only.

**Ratings**

MIL-I-22444C

Temperature Rating -60°F to 400°F

Elongation (Per ASTM D-412): 15% Minimum

Performance Characteristics

✓ Self-Vulcanizing ✓ High Dielectric Strength ✓ Reinforced with Glass Yarn Fiber

Engineered to Resist

Flexing



Tension



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.

Reinforced With Glass Yarn Braid

Reinforcing braid embedded in the center of material provides enhanced mechanical strength while still allowing the product to cover irregular shapes.

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.

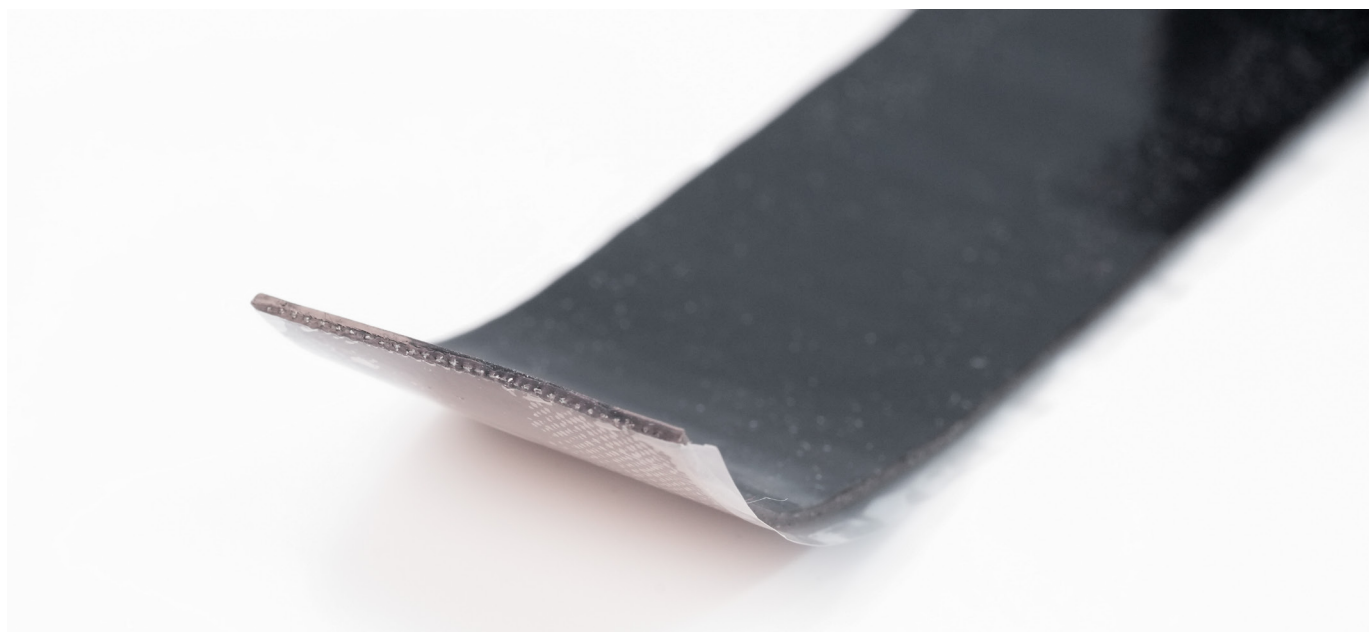
40 Mil Thickness

Extra thick design allows wrapping over sharp and irregular surfaces without tearing or puncturing.

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
18412	18412D	40 Mils	1 in. (2.54 cm)	36 ft (1100 cm)	Black	None	500 Volts





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

