

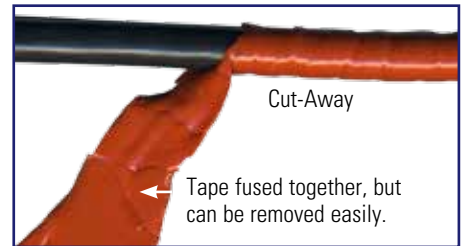
Amalgamating Tape

SELF-FUSING – SILICONE RUBBER TAPE

This self-fusing tape is comprised of a high performance silicone rubber, which provides a tough, permanently resilient, void-free, water-tight insulation. The triangular design of the tape assures a smooth, uniform wrap over difficult shapes, such as coils, splices, bus bars, and cable harnesses. The colored guide line facilitates proper wrapping and saves time. This self-adhering tape cures in 24 hours at room temperature. Faster curing and a harder finish can be accomplished by heating the tape after wrapping.

- Provides a tough, moisture-proof insulation with excellent bond & tensile strength; yet flexible
- Triangular design & blue guideline assures a smooth, uniform wrap
- Ideal for repairing damaged insulation, hoses, and pipes, and hundreds of other uses
- Allows for in-line repairs where heat shrink tubing isn't practical
- Can be installed in both wet & dry environments
- Withstands chemicals & oils
- Applicable for higher voltage application (dielectric strength is 400 volts/mil of thickness)
- Tape will remove cleanly when cut, allowing it to be used as temporary insulation or protection
- Operating temperature -65°C to 260°C / -85°F to 500°F
- Meets or exceeds the requirements of MIL CID-A-A-59163, Type II
- 7 different colors to choose from: Black, Blue, Green, Red Oxide, Yellow, White & Clear

Easy to Install: Stretch tape and apply it over the guideline for a moisture proof seal.



SPECIFICATIONS of SELF-FUSING SILICONE RUBBER TAPE:

Property	Test Method	Performance
Operating Temperature		-65°C to 260°C / -85°F to 500°F
Dielectric Strength, volts/mil, minimum	MIL CID-A-A-59163	400 volts/mil
Thickness 0.02"		400 volts/mil
Thickness 0.03"		300 volts/mil
Thickness 0.04"		275 volts/mil
Thickness 0.05"		250 volts/mil
Thickness 0.06"		200 volts/mil
Dielectric Constant, 1 KHz	ASTM D150	2.95
Tensile Strength, psi, minimum	ASTM D119	700
Hardness, Durometer, Shore A	ASTM D2148	50
Room Temp-Cured – 24 hours		70
Cured at 300°F – 24 hours		75
Elongation, %, minimum	ASTM D119	300
Water absorption, % max by weight	MIL CID-A-A-59163	3
Bond Strength, pounds, minimum	MIL CID-A-A-59163	2 (1" width)

For optimum performance, this silicone rubber tape should be stored in a cool, dry area.



Black
TPT12036B

Blue
TPT12036BL

Green
TPT12036G

Red Oxide
TPT12036R

Yellow
TPT12036Y

White
TPT12036W

Clear
TPT12036C

Tape dimensions for all rolls and colors are 1" x 0.020" x 36'