

## Characteristics of Rescue Tape

Property	Test Method	Mil Spec Min Performance	Test Results*
Operating temperature range		-65 <sup>o</sup> C to 260 <sup>o</sup> C	-65 <sup>o</sup> C to 260 <sup>o</sup> C
Continuous temperature range		-60 <sup>o</sup> C to 200 <sup>o</sup> C	-60 <sup>o</sup> C to 200 <sup>o</sup> C
Cold Brittle Point		-65 <sup>o</sup> C	-65 <sup>o</sup> C
Hardness Shore A	ASTM D2148	50	50
Tensile Strength, Min.	ASTM D119	700 PSI	950 PSI, +/- 25 PSI
Elongation, Min.	ASTM D119	300%	800%, +/- 50%
Tear Strength, Min.	ASTM D624, Die B	85 ppi	85 ppi
Bond Strength, Min.	MIL-I-46852	2 lbs	12 lbs
Cold Brittle Point, Max.	ASTM D746	-65 <sup>o</sup> C	-65 <sup>o</sup> C
Water Absorbtion, Max.	MIL-I-46852	3% By Weight	3% By Weight
Dielectric Strength, Min.	MIL-I-46852	400 v/mil (8,000 Volts/20mil)	400 v/mil (8,000 Volts/20mil)

\*2009 Imanna Laboratory, Rockledge, Florida

Standard Colors Available in 1" X 12' X .020" (20 mil) Rolls:

Black, Red, Clear, White, Blue, Green, Yellow, Orange

Custom Colors Also Available: Iron Oxide Red, Gray, Brown

Industrial 2" X 36' X .030" (20 mil) Rolls: Black, Clear and White in stock, all others may be special order.

Custom orders available in triangular or rectangular cross section, with thicknesses available from .010" (10 mil) to .080" (80 mil), widths from 1/2" to 2", and lengths from 12' to 48'.

Rescue Tape is extruded of high performance silicone elastomer. It is self-fusing, and cures at room temperature. Its high thermal conductivity allows rapid heat dissipation, resulting in lower temperature rise.

Rescue Tape is suitable for use wherever a tough, high temperature (to 260<sup>o</sup> C), permanently resilient insulation or seal is required. Properly installed, Rescue Tape provides a moisture-free permanent seal around hoses, fittings, tubes and wire harness bundles, offering low cost solutions to common problems in extreme environments.

**We certify that Rescue Tape is manufactured to Military Spec: CID A-A-59163  
(which supercedes MIL-I-46862 Rev. C 02-98)**

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