

FR (Flame Resistant) Self-Fusing Silicone Tapes

Rogers offers a fire-resistant self-fusing tape (SFT) in **BLACK**.

- Composed of UL V-0 recognized silicone rubber compound
- Available in four thicknesses: 10, 20, 30, & 40 mil
- Meets the UL Recognized A-A-59163A specification
- Reach and RoHS compliant
- Electrically insulating
- Fuses only to itself
- Chemically activated upon stretching

Typical Physical Properties

Units		Fire-Resistant Self Fusing Tapes			
Product Name		910-10BxxFR-P1	920-10BxxFR-P1	930-10BxxFR-P1	940-10BxxFR-P1
Thickness	mm (mil)	0.25 (10)	0.51 (20)	0.76 (30)	1.02 (40)
Width	mm (in)	25.4 (1.0)			
Flammability Rating		UL94 V-0			
Durometer	Shore A Points	60			
Elongation	%	567	400	420	628
Dielectric Strength	kV/mm (V/mil)	35.7 (906)	38.4 (976)	33.0 (838)	19.4 (493)
Bond Strength	N/m (lbf/in)	508 (2.9)			
Water Absorption	%	0.90			
Specific Gravity		1.29			
Tensile Strength	kPa (psi)	7930 (1150)	8100 (1175)	8370 (1215)	8620 (1250)
Volume Resistivity	Ω -cm	1.6×10^{15}			
Temperature Range	$^{\circ}$ C ($^{\circ}$ F)	-51 $^{\circ}$ to 204 $^{\circ}$ (-65 $^{\circ}$ to 400 $^{\circ}$)			
Color		Black			

All metric conversions are approximate.

Typical values should not be used for specification limits.

Additional Technical information is available.