

## SELF-FUSING "NO HEAT" SILICONE TAPE DESCRIPTION

Where a masking wrap or permanently resilient insulation seal is necessary. Replaces heat shrinkable tapes.

- NO ADHESIVE means no secondary clean up after high temperature finishing systems. Labor cost savings.
- LOW COST SEAL, for electrical insulation, cable harnesses, splicing, hot air ducting, and electrical wire wrap in hot environments.
- 300% ELONGATION STRETCH WRAP conforms to irregular shapes to protect, insulate, secure and mask.
- LOW COST MASKING in plating, powder coating varnish insulation, conformal coating. Mask terminals, contacts, screws and bolts.
- FUSES TO ITSELF, inseparable after 24 hours at room temperature. Bond resists outside weathering.
- NO ADHESIVES to deteriorate—permanent insulation seal.
- WON'T CRACK or separate with thermal movement.
- RESISTS VIBRATION AND SHOCK.
- LOW COST AND SAFE REPLACEMENT of heat shrinkable sleeving, tubing, and tape.
- WEATHER, WATER AND OZONE RESISTANT.

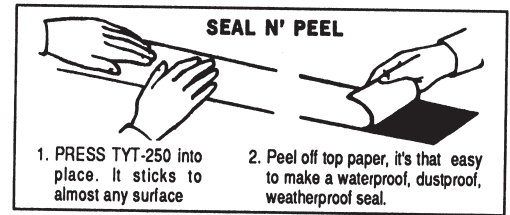
### SPECIFICATIONS:

- MIL-I-46852B
- Type II (Triangular)
- Type I (Rectangular)

Typical Properties	Test-Method	Performance
Operating Temperature Range: Continuous		-45°C to 200°C
Intermittent		-65°C to 260°C
Specific Gravity	ASTM D792	1.2
Hardness, durometer, Shore A	ASTM D2148	
Room-cured—24 hours		50
Cured at 150°C—24 hours		70
Cured at 250°C—24 hours		75
Tensile Strength, psi, minimum	ASTM D119	700
Elongation, %, minimum	ASTM D119	300
Tear Strength, ppi, minimum	ASTM D624, Die B	85
Bond Strength, pounds, minimum	MIL-I-46852	2
Adhesion, Inches unwind, maximum	ASTM D2148	3
Cold Brittle Point, °C, maximum	ASTM D746	-65
Water Absorption, % max., by weight	MIL-I-46852	3
Dielectric Strength, vpm, minimum	MIL-I-46852	400
Dielectric Constant, 1 KHz	ASTM D150	2.95
Dissipation Factor, 1 KHz	ASTM D150	<0.0004
Volume Resistivity, ohms/cm, min.	MIL-I-46852	3 X 10 <sup>14</sup>

Cat. No.	Width	Thickness	Feet/Roll	Colour	Net Price
TYT200-1-36B	1"	.020"	36'	Black	\$25.38
TYT200-1-36R	1"	.020"	36'	Red	25.38
TYT200-1-14B	1"	.020"	14'	Black	11.19
TYT200-1-14R	1"	.020"	14'	Red	11.19
TYT200-1-14W	1"	.020"	14'	White	15.51
TYT200-1-14BL	1"	.020"	14'	Blue	11.19
TYT200-1-14G	1"	.020"	14'	Green	11.19
TYT200-1-14Y	1"	.020"	14'	Yellow	11.19

NOTE: Stock material is Type II (Triangular).



## TYPE TYT-250 WATERPROOFING MOLDABLE RUBBER TAPE DESCRIPTION

A soft moldable EPR tape for waterproofing, filling and protecting flexible components.

Cole-Flex TYT-250 is a soft moldable EPR (ethylene propylene rubber) compound in tape form. In addition to having exceptional adhesive and cohesive properties, it is resistant to moisture and weathering and has high electrical resistivity ( $9.2 \times 10^{13}$  ohms/cm). Recommended for cable connections where effective prevention of water seepage is required, it may be used in conjunction with all Cole-Flex heat shrinkable tubing. The high degree of flexibility makes it a superior product for filling in irregular areas around seams, joints and fittings on underground distribution systems or outdoor splices and cable connections.

Cole-Flex TYT-250 is supplied in two inch wide rolls, 25 feet per roll with a silicone treated release paper interleafed to facilitate easy handling. Standard thickness is .025". The tape will remain soft and pliable indefinitely throughout an operating temperature range of -50°F to +185°F.

Cat. No.	Width	Thickness	Feet/Roll	Colour	Net Price
TYT250-2	2" (50.8)	.025" (.64)	25' (7.62)	Black	\$19.64

# electro sonic

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