



SPITA **ResQ-tape** Self-fusing silicone tape **FLAME RETARDANT**



SPITA ResQ-tape Flame Retardant is a self-fusing silicone splicing tape designed for use in extreme temperatures and harsh conditions in the utility & power supply industry, where a high performance solution is required and where vinyl adhesive electrical tapes cannot withstand. The tape self-extinguishes when flame source is removed within a few seconds. It will prevent cables / objects from severe damage caused by open flames. Also great for sealing connections on sprinkler systems.

CONSTRUCTION

Material	100% Pure Self-fusing silicone
Liner	Polystyrene
Thickness	0,3 mm / 0,5mm / 0,76mm
Width	25mm / 50mm / 76mm
Length	6,1 meter / 11 meter / 11 meter
Profile	Rectangular
Available colors	Grey with yellow guideline

User instructions: (see also special instructions in package)

- 1) Begin by peeling liner away from SPITA ResQ-tape.
- 2) Press the tape firmly on object being wrapped, hold in place and begin first wrap completely over itself.
- 3) While holding the tape in place, begin stretching at 50 - 200% it's length and wrap object with 50% overlap to ensure a proper seal.
- 4) To complete wrapping of object, wrap the tape completely over previous layer and press firmly.



FEATURES

- Heat resistant up to 260° Celsius
- Remains flexible till -65° Celsius
- UV-resistant
- Chemical resistant
- Insulates minimum 8,500 Volt per layer (Class H)
- Self-extinguishes when flame source is removed
- Resists fuels, oil, acids, solvents and salt
- Works on every surface without preparation
- Easy to apply and to remove leaving no residue
- No adhesive – only bonds to itself
- Meets UL 510 requirements
- Exceeds military specification MIL A-A-59163
- UL 94 V-0 Class Flame Retardant
- Conform IEC-60707, IEC-60695-11-10 en 11-12
- Meets ISO 9792 & ISO 9773 standard

SPECIFICATIONS

Property	Test method	Value
Continuous Temperature Range		-55°C to +250°C
Intermittent Temperature Range	(24hrs max)	-60°C to +260°C
Cold Brittle Point Max	ASTM D-2137	-65°C
Water absorption	Fed STD601 Method6251	0,25% max by weight
Tensile strength	ASTM D-412	700 psi (48 bar)
Elongation	ASTM D-412	300% average
Dielectric Strength In kV per layer	ASTM D-412	25 / 50 / 76 mm 8,5 / 14 / 20 kV
Tear Resistance		175 psi (12 bar)
Durometer Hardness		50 Shore A
Fusing time		< 6 seconds
Thickness Tolerance		+/- .005 mm
Width Tolerance		+/- 2,85 mm

STORAGE / HANDLING / SHELF LIFE / LIFESPAN

Storage	Store in a cool, dry area and keep away from direct sunlight.
Handling	Keep tape roll clean and free of dust, dirt or debris.
Shelf life	> 10 years
Life span	> 15 years (after application)



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