



ResQ-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 ISO9792 & 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)



Attention: This product is provided without warranty, either expressed or implied, of fitness for a specific purpose. Because conditions and methods of use are beyond the manufacturer's control, neither manufacturer nor seller will assume any responsibility for the use or misuse of this product. This includes, but is not limited to, any consequential damages.