SPITA ResQ-tape Self-fusing silicone tape

INDUSTRIAL

SPITA ResQ-tape Industrial is a self-fusing silicone tape designed for harsh conditions in the general industry, where a high performance solution is required to stop leak damage during emergencies. The tape is 25% thicker than standard for use on large diameter (5 cm and more) fire hoses, gas-, steam & liquid pipes.
As the tape has a dielectric strength of 12kV per layer it is also perfect for insulating wire/cable sections; insulate & waterproof connectors on both low & high voltage installations.

CONSTRUCTION	
Material	100% Pure Self-fusing silicone
Liner	Polystyrene
Thickness	0,62 mm
Width	50, 76 or 101mm
Length	11 meter
Profile	Rectangular
Available colors	Black, clear, red, blue, orange, white, grey, green & yellow

User instructions: (see also special instructions in package)
1) Begin by peeling liner away from 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 200 - 300% 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 12.000 Volt per layer (Class H)
• Pressure resistance 2,5 Bar per layer (max. 12 Bar)
• Resists fuels, oil, acids, solvents and salt
• Works on every surface without preparation
• Can be applied under water / during heavy rain
• 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

SPECIFICATIONS		
Property	**Test method**	**Value**
Continuous Temperature Range		-60°C to +260°C
Intermittent Temperature Range (24hrs max)		-65°C to +260°C
Cold Brittle Point Max	ASTM D-2137	-65°C
Water absorption	Fed STD601 Method6251	0,18% max by weight
Tensile strength	ASTM D-412	1412 psi (97 bar)
Elongation	ASTM D-412	352% average
Tear resistance	ASTM D-412	6,72 Bar
Dielectric Strength	ASTM D-149	12 kV per layer
Durometer Hardness		58 Shore A
Fusing time		< 8 seconds
Thickness Tolerance		+/- .07 mm
Width Tolerance		+/- 2,25 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	> 20 years (after application)

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