



# HEAVY DUTY

**SPITA ResQ-tape Heavy Duty** is a self-fusing silicone tape designed for very harsh conditions in the offshore, heavy & power industry, where a high performance solution is required to stop leak damage. The tape is 50% thicker than standard for use on large diameter (8 cm and more) gas-, steam- & liquid pipes. It also provides excellent insulation on large cables & connectors and is optimized for use on very high voltage systems.

## CONSTRUCTION

Material	100% Pure Self-fusing silicone
Liner	Polystyrene
Thickness	0,75 mm
Width	50, 76 or 101mm
Length	7 meter
Profile	Rectangular
Available colors	Black, clear & grey (other colors upon special order)



## FEATURES

• Heat resistant up to 275° Celsius
• Remains flexible till -80° Celsius
• UV-resistant
• Chemical resistant
• Insulates minimum 18.000 Volt per layer (Class H)
• Pressure resistance 3 Bar per layer (max. 18 Bar)
• 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

### 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 150 - 250% it's length and wrap object with 33% overlap to ensure a proper seal.
- 4) To complete wrapping of object, wrap the tape completely over previous layer and press firmly.



## SPECIFICATIONS

Property	Test method	Value
Continuous Temperature Range		-75°C to +280°C
Intermittent Temperature Range	(24hrs max)	-80°C to +275°C
Cold Brittle Point Max	ASTM D-2137	-95°C
Water absorption	Fed STD601 Method6251	0,14% max by weight
Tensile strength	ASTM D-412	1431 psi (98 bar)
Elongation	ASTM D-412	326% average
Tear resistance	ASTM D-412	7,16 Bar
Dielectric Strength	ASTM D-412	18 kV per layer
Durometer Hardness		56 Shore A
Fusing time		< 10 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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