



ResQ-tape 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)

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

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

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)



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.