Self Levelling Silicone Self Fusing Tape is a special type of self-amalgamating tape that can be used to create clean, smooth wraps. Manufactured from fully cured self fusing silicone rubber, this red tape has a triangualar shape which allows it to lay flat as it is wrapped around on itself.

Self Levelling Silicone Self Fusing Tape bonds only to itself and is thus supplied with an interleave to prevent premature bonding of the layers. It also has a green centre line to allow for easy application. This tape exhibits excellent resistant to moisture, corona, oxygen and ozone and is highly conformable.

Self Levelling Silicone Self Fusing Tape bonds to itself in 24 hours (at room temperature) and is non-tacky to touch and will not bond to other materials or substrates.

Applications

Typical applications for our Self Levelling Silicone Self Fusing Tape include:

- Sealing or leaking pipes
- Protection of cables and wires
- Bundling
- Insulation of pipes, leads and cables
- Insulating cable joints and terminations
- Insulation of coil leads
- Protection of motor coils from vibration
- Insulation of heated transfer lines

Technical Details

Property	Value
Tape Material	Cured Self-Fusing Silicone Rubber
Rubber Thickness	1.016mm (40 MIL)
Colour	Red
Interleave	0.0762mm Polyethylene
Construction	Triangular Cross Section
Centreline	Yes (Green)
Tensile Strength (ASTM D412)	1025 PSI
Elongation (ASTM D412)	480%
Durometer Hardness (ASTM D2240)	55 Shore A
Specific Gravity	1.15
Dielectric Strength (ASTM D149)	340 volts/mil
Bond Strength (MIL-I-46852C)	3.0 lbs/in
Water Absorption (MIL-I-46852C)	0.5%
Temperature Rating	-54°C to 260°C

Shelf Life

Minimum shelf life is 12 months from date of manufacture if stored at room temperature (approx. 24°C)

Available Sizes

Self Levelling Silicone Self Fusing Tape is available in just the one size and colour (for now):

25mm Wide x 10.97 Metres Long