

3M Scotch 70 Self Fusing Silicone Tape

Quick Reference Guide

Overview

3M Scotch 70 Self Fusing Silicone Tape is a high quality, high temperature resistant grade of silicone self-amalgamating tape designed for sealing, insulating and bundling.

This tape is manufactured from inorganic rubber and comes with an easy-release liner that makes installation very easy. This tape is grey in colour, is 0.3mm thick and withstands continuous exposure to temperatures up to 180°C.

3M Scotch 70 Self Fusing Silicone Tape has excellent dielectric strength and creates an effective seal. It sticks only to itself and this adhesion is pretty-much instantaneous which makes installation very easy.

The tape itself is highly conformable and can be wrapped and applied around bends and irregular shaped objects.

Typical applications include:

- Protective overwrap for terminations on high voltage cables
- Primary insulation for medium and low voltage cables
- Base layer for re-entry into connections
- Sealing and protecting cable and lead connections



Key Specifications

Colour	Grey
Backing	Silicone Rubber
Adhesive	Self-Fusing Only
Thickness (Overall)	0.3mm
Ultimate Elongation	450%
Continuous Temperature Rating	180°C
Dielectric Strength	34 kV/mm
Tensile Strength	21 N / 10mm

Scotch 70 Silicone Tape Sizes.

The table below lists all our standard sizes of 3M Scotch 70 Electrical Tape. To quickly find any on our website, just search for the SWM part number listed. Alternatively, browse the full range at [swiftsupplies.com.au/rubber-electrical-tape](https://www.swiftsupplies.com.au/rubber-electrical-tape)

Part Number	Roll Width	Roll Length
SWM000051B01V0001	25mm	9.14 Metres