

Technical Data



SILICONE ADHESIVE SEALANT AIR CURING RUBBER



SILICONE SEALANT is a ready-to-use, neutral cure, one part, room temperature vulcanizing elastomer. It has been formulated for use in industrial applications where non-corrosion is a prerequisite. Exhibits adhesion to most non-porous substrates, particularly plastics, without the use of a primer.

APPLICATIONS

With excellent insulating and sealing properties, the product is extremely effective for prevention of arcing on EHT connections and for sealing LNB's in satellite TV installations.

TECHNICAL DATA

Appearance	:	Translucent, grey, thixotropic paste
Odour	:	Sweetly ammoniacal
SG	:	1.03
Tack-free time	:	60 minutes, maximum
Cure through time	:	10 hours, maximum
Extrusion rate	:	180gm/min (3mm nozzle @ 6.32kg/cm ²)
Hardness, °IRHD	:	30
Tensile strength	:	1.85 Mpa
Elongation	:	300%, minimum
Temperature range	:	Operational from – 50°C to +230°C
Dielectric strength	:	17 kv/mm
Power factor, 1 Mhz	:	1.2 x 10 ⁻³
Permittivity, 1 Mhz	:	3.2
Volume resistivity	:	3 x 10 ¹⁵ ohm.cm
Thermal conductivity	:	0.20 W/mK
Dispersibility	:	Dispersible in aromatic hydrocarbon solvents
Flammability	:	Not classified as flammable
Packaging	:	75ml tube (50 per carton)

STORAGE

The product may be stored at normal ambient temperatures and has a shelf life of not less than 12 months with correct storage.

HEALTH AND SAFETY

Health and Safety sheet available separately.

MISREPRESENTATION ACT 1967 TRADE DESCRIPTIONS ACT 1968

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