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Datasheet

RS PRO Copper foil shielding tape 19mmx 33m

Stock number: 176-7499

EN



General Description
35 micron copper foil coated with an electrically conductive thermosetting solvent based acrylic adhesive supplied on a removable silicone liner.

Features
- Conductive acrylic adhesive
- Good high and low temperature resistance
- Can be easily soldered
- Easy unwind

Typical Values	BS value	ASTM value
Foil thickness	0.035mm	1.4 mil
Adhesive thickness	0.025mm	1.0 mil
Total thickness	0.060mm	2.4 mil
Adhesion to steel	4.5 N/cm	41 oz/inch
Tensile strength	40 N/cm	23 lbs/inch
Temperature Resistance	-20°C to +155°C	Up to +311°F
Recommended curing cycle	1 hour at 150°C or 2 hours at130°C	
Electrical resistance through Adhesive*	0.003 ohms	
RoHS compliant	Yes	
Storage Temperature	+12°C to +25°C	

* Tested according to MIL STD 202F method 307 across surface area of 1 sq. inch. Tested in accordance with ASTM D-1000 latest issue, BS EN 60454Part 2 test methods (Formerly VDE 0340, BS 3924.)

STORAGE
Tapes stored below the minimum recommended temperature will require warming up to that level before use. Up to 24 hours may be required for this to take place.