



S1184 Epoxy Adhesive

Harnessing Components and Associated Products

S1184 is a highly conductive silver loaded adhesive that has been developed to terminate screened moulded shapes and similar applications. Its excellent conductivity, which causes only negligible increases in end-to-end resistance, enables the very high shielding levels of screened moulded shapes, screened cables and adaptors to be combined to form efficient totally screened harnessing systems.

This two part adhesive is designed to make terminations which can withstand high temperatures and aggressive solvents and fuels.

Pot Life: Once mixed S1184 has a pot life of approximately 1 hour at 20°C.

Curing: 24 hours at 20°C, or 1 hour at 80°C or 20 minutes at 135°C.

Packaging: Two 10ml Syringes, 3 x mixing cups and sticks.



Electrically Conductive
Operating Temperature Range
-55°C to +150°C

Easy to use medium viscosity adhesive
Room temperature or elevated
temperature cure

Typical Properties	Performance	Test Method
Mechanical, Lap Shear Strength		
Aluminium to Aluminium	3.0 kN min	RK6627 Clause 3.1
Rayaten® boot 25C to 25C	250 N min	RK6627 Clause 3.2
Temperature Resistance, Lap Shear Strength		
Aluminium to Aluminium @ -40°C	2.0 kN min	RK6627 Clause 3.3
Aluminium to Aluminium @ +100°C	400 N min	RK6627 Clause 3.3
Fluid Resistance, 24 hrs ±2 hrs immersion @ 23° ±2°C		
Hydraulic fluid to DTD 900/4881		RK6627 Clause 3.4
Hydraulic fluid to H-515 (MIL-H-5606)		RK6627 Clause 3.4
Water, lap shear Rayaten® 25C to 25C	250 N min	RK6627 Clause 3.2
Electrical Resistance		
	26 µΩ max	RK6627 Clause 3.5

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