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## TECHNICAL DATA SHEET

### RT125 Flexible High Performance Epoxy Adhesive

#### Description

RT125 is the industry standard adhesive for high performance cable harness assemblies.

#### Benefits

- Excellent flexibility giving high shear and peel strengths
- Outstanding chemical and fluid resistance
- Will operate up to 150°C
- Will also bond metals, glass, wood, rubbers and many plastics
- Supplied in DuoSyringe for easy application
- Standard size is 50ml, with associated mixing nozzles and dispenser guns

#### Typical Properties

##### Curing

Work life at 23°C:	90 minutes
Time to handling at 23°C:	24 hours
Time to full cure at 23°C:	7 days
Time to full cure at 85°C:	2 hours

##### Typical Performance (measurements at 23°C)

Lap Shear (Al / Al)	20 MPa
Peel Strength (XLPE/XLPE)	370 N / 25mm
Peel Strength after Thermal Shock (4hrs@215°C)	370 N / 25mm
Dynamic Shear (Backshell/boot/cable. Shell size 22)	520 N
Solvent resistance (De-icing fluid, Petrol, Lubricating oil, Hydraulic fluid)	Excellent
Operating Temperature	-75°C to +150°C

Conforms to the requirements of VG95343 Pt 15 and BS G 198 Part 5

#### Colour

Black

#### Related Products

- RT110 fast setting epoxy adhesive
- RT112 non-sag, fast setting epoxy sealant
- RT183 electrically conductive epoxy adhesive
- TriPatch wraparound epoxy repair system

June 2002

Issue 4

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