

S1125 Adhesive Epoxy Two Part Adhesive Kit Selection Overview



S1125 is a flexible two part epoxy high performance adhesive, developed to match the superior chemical and heat resistance properties of DR-25 heat-shrinkable tubing and -25 heat-shrinkable moulded parts.

Features and Benefits

- High performance, chemical and heat resistant epoxy based adhesive. Easy to use and less waste.
- Suitable for use with a range of materials and applications.
- Can be applied directly to the application.
- When mixed the adhesive has a 1.5hr workable life at room temperature.

Specifications & Approvals

- DIN VG95343 Pt 15

Operating Temperature

-55°C to +150°C

Part Number	Description
S1125 Kit 1	5 sachets, 10g each + accessories
S1125 Kit 2	2 sachets, 10g each
S1125 Kit 3	1 sachet, 100g
S1125 Kit 4	5 sachets, 10g each
S1125 Kit 5	1 sachet, 10g each
S1125 Kit 8	50ml Duo syringe, 3 x mixing nozzles, 5 x mixing cups & sticks, abrasive strips.
Application Equipment	
Handgun-050 (1:1)	Duo-syringe application gun
RT-Nozzle-5mm	Duo-syringe static mixing nozzle

Performance Test @ 23°C	Result
Lap Shear (Al/Al)	7KN to RK6619 Clause 2.1
Peel Strength (Aluminium to DR-25)	100N to RK6619 Clause 2.2
Lap shear strength (Al to Al @ +150°C)	1500N to RK6619 Clause 2.1
Solvent Resistance (De-icer, Petrol, Hydraulic Fluid)	Excellent

Installation

To mix both components, remove the plastic separation clip from the centre of the bi-pack and then squeeze the bi-pack thoroughly. When mixed, the adhesive should have a uniform black colour. The separation clip may be used to ensure that the last traces of the epoxy and hardener are squeezed from the corners of the pack.

For best results, adhesive mixed in dual packs, or ejected from duo-syringes without a mixing nozzle should be dispensed into a separate disposable dish and mixed with a spatula before application to substrate.