

Cable Harnessing



The SHIELDFAST range of Shielded Continuity Devices

Description

The ShieldFast range of screened devices offers full shielding and grounding continuity to cables where they are most vulnerable at terminations, splices and transitions.

The unique one-piece parts are heat shrinkable to give a snug fit and provide mechanical protection, strain relief and sealing to the underlying structure.

Typical Applications



Shielded Connector



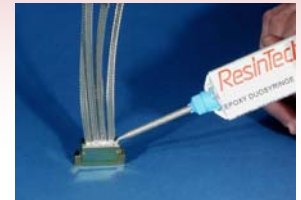
Standard Range

Features & Benefits

- ◆ One piece part
- ◆ Simple to specify, stock, handle and install
- ◆ Wide choice of design options for length, supplied diameter, shrink ratio, material specification and more
- ◆ Sealing to IP68
- ◆ Low interface resistance.
- ◆ High optical coverage. 360° all round protection and earth bonding
- ◆ Heat shrinkable installation
- ◆ No calibrated tool, no threads to work loose and no solder giving zero installed stress
- ◆ A wide range of sizes already available

Helping you choose...

If you think you have an application where ShieldFast could be of use, we are happy to provide you with more information and samples to your specification (i.e. length, diameter etc.).



Cable Harnessing Adhesives

RT125

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

Benefits and properties

- ◆ Excellent flexibility
- ◆ Chemical and fluid resistant
- ◆ Operates to 150°C
- ◆ Cures in 2 hrs @ 85°C
- ◆ 18 month shelf life

RT183

RT183 is an electrically conductive epoxy for EMC applications.

Benefits and properties

- ◆ Easy to use
- ◆ Room or elevated temperature cure
- ◆ Operates to 150°C
- ◆ 6 month shelf life

Please contact:

ResinTech

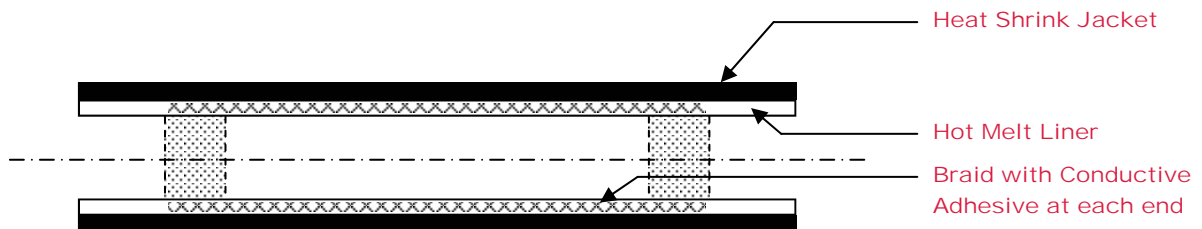
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ShieldFast Devices

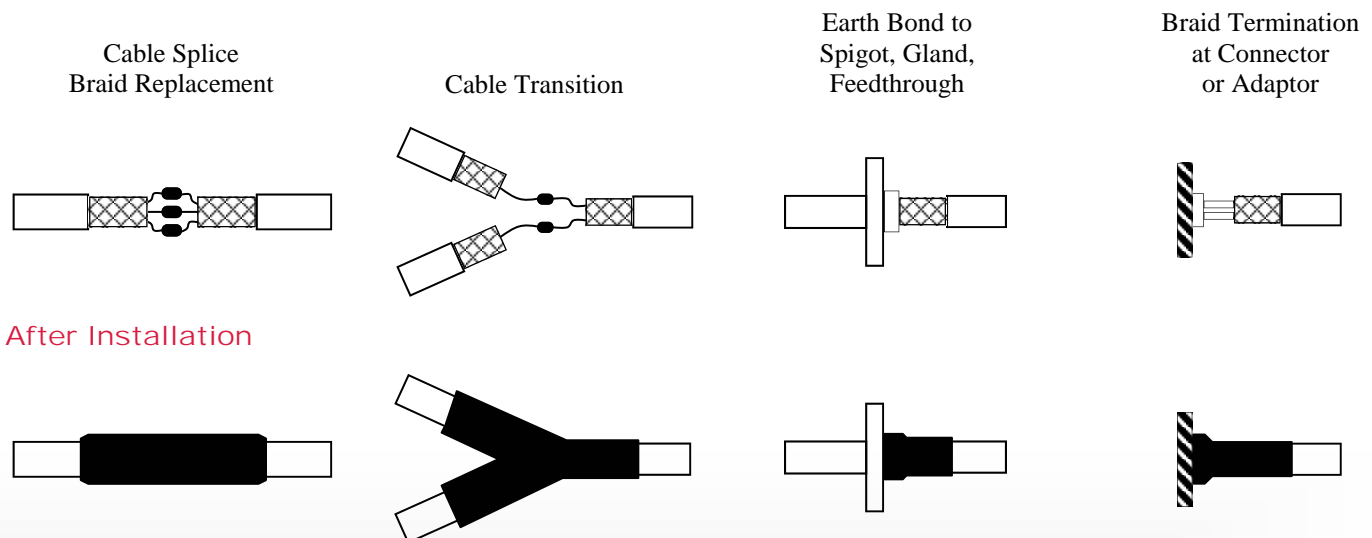
Product Design

The general design features a heat shrinkable sleeve which contains shielding braid, conductive adhesive and hot melt adhesive. Products are supplied circular in cross-section to specified internal diameter and length. The basic ShieldFast design is easily adapted to suit different cable braid termination requirements or configurations as illustrated below:

ShieldFast Sleeves as supplied



Typical ShieldFast Applications



Generic Specification

Tensile strength:	15Mpa
Elongation:	300%
Braid coverage:	360° > 93%
Temperature range:	-55°C to 80°C
DC end-to-end resistance:	< 1m ohm
Sealing:	IP68
Tubing:	Low smoke, low toxicity, zero halogen