

ShieldFast®

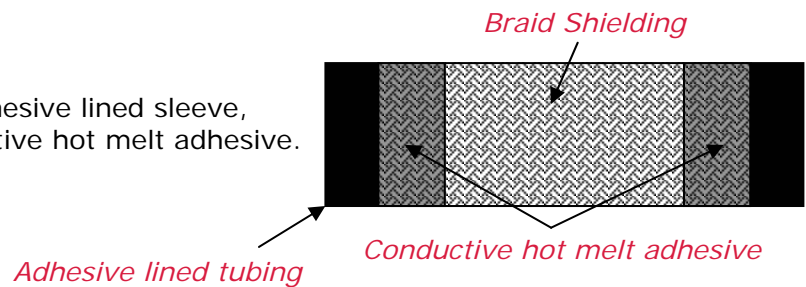


Standard 3:1 Range of Screened Devices

Design

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.

The design features a heat shrinkable, adhesive lined sleeve, which contains shielding braid and conductive hot melt adhesive.



Dimensions

Part No.	Supplied I.D. Minimum	Recovered I.D. Minimum	Length	Recovered Wall Thickness
RSCD-230	9.0	3.0	40	1.4
RSCD-231	12.0	4.0	40	1.8
RSCD-232	18.0	6.0	60	2.2
RSCD-233	24.0	8.0	60	2.5
RSCD-234	40.0	13.0	80	2.5

Specification

Tubing material:	Flame retarded cross-linked polyolefin
Shrink ratio:	3:1
Continuous operating temperature:	-55°C to 110°C
Tensile strength:	14 Mpa
Elongation at break (insulation):	300%
Dielectric strength (insulation):	10 kV/mm
Braid coverage:	360° >95%
Installation temperature:	110°C
Adhesion: Peel strength to cable insulation:	100N / 25mm
Peel strength to cable braid:	100N / 25mm
Chemical resistance to fluids and water:	Excellent
EMC shielding performance (overall):	>70dB at 100 Mhz
DC resistance end-to-end:	<1 mΩ

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