



HelaGuard Metallic Conduits with Metallic Overbraid and Fittings

Metallic conduits with metallic overbraid

- SCSB Galvanised Steel Conduit, Galvanised Steel Overbraid

Flexible, galvanised steel conduit with galvanised steel overbraid.

Features and Benefits

- High compression strength
- High tensile strength
- High impact strength
- Highly flexible
- Highly resistant to abrasion
- Provides EMC screening
- Highly resistant to hot metal swarf and splashes



Application

Industrial environments and high temperatures.



HelaGuard SCSB galvanised steel conduit with galvanised steel overbraid is highly resistant to hot metal swarf and splashes.

Material Data	
Material	Galvanised Steel (GS)
Operating Temperature	-100 °C to +300 °C

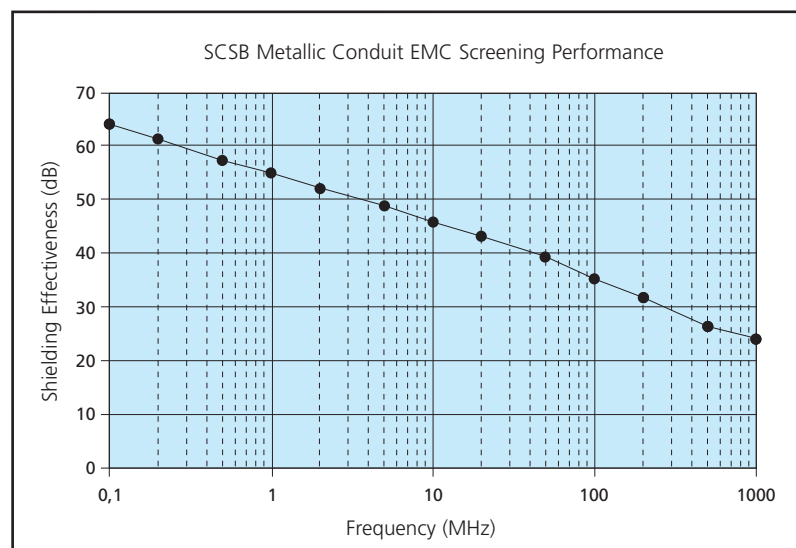
Technical Table

Article-No.	Type	Nominal Ø	Outside Ø	Inside Ø	Bending Radius	Weight (g/m)	Reel Length (m)	Colour
166-34400	SCSB12	12	14.0	10.2	30	232	25	Metal (ML)
166-34401	SCSB16	16	17.5	13.0	40	298	25	Metal (ML)
166-34402	SCSB20	20	21.5	16.9	45	446	25	Metal (ML)
166-34403	SCSB25	25	26.0	21.1	55	503	25	Metal (ML)
166-34404	SCSB32	32	34.0	28.1	70	702	25	Metal (ML)
166-34405	SCSB40	40	43.5	37.6	80	1086	10	Metal (ML)
166-34406	SCSB50	50	55.0	48.4	90	1270	10	Metal (ML)
166-34407	SCSB63	63	64.5	57.5	115	1470	10	Metal (ML)
166-34408	SCSB75	75	79.0	70.0	150	2000	10	Metal (ML)

All dimensions in mm. Subject to technical changes.

Other reel length available on request.

Stainless steel and tinned copper braiding is also available.





Fittings for metallic conduits and metallic overbraid

• SCSB-FM Fixed External Thread

Fixed external thread, nickel plated brass.

Features and Benefits

- Two part fitting comprising shell and body with external thread
- Can be secured with a locknut



Helaguard SCSB-FM Fixed External Thread.



Technical Table

Article-No.	Type	Nominal Ø	Thread Size (metric)	Thread Size (PG)	Pack Cont.
166-34600	SCSB12-FM-M16	12	M16	–	10
166-34607	SCSB12-FM-PG9	12	–	PG9	10
166-34601	SCSB16-FM-M16	16	M16	–	10
166-34602	SCSB16-FM-M20	16	M20	–	10
166-34608	SCSB16-FM-PG11	16	–	PG11	10
166-34603	SCSB20-FM-M20	20	M20	–	10
166-34609	SCSB20-FM-PG16	20	–	PG16	10
166-34604	SCSB25-FM-M25	25	M25	–	10
166-34610	SCSB25-FM-PG21	25	–	PG21	10
166-34605	SCSB32-FM-M32	32	M32	–	2
166-34611	SCSB32-FM-PG29	32	–	PG29	2
166-34606	SCSB40-FM-M40	40	M40	–	1
166-34612	SCSB40-FM-PG36	40	–	PG36	1

All dimensions in mm. Subject to technical changes.

Material Data

Material	Nickel Plated Brass (NPB)
Colour	Metal (ML)
Operating Temperature	-100 °C to +300 °C

• SCSB-SM Swivel External Thread

Swivel external thread, nickel plated brass.

Features and Benefits

- Two part fitting comprising shell and body
- External thread swivels about the main body
- Can be secured with a locknut



Helaguard SCSB-SM Swivel External Thread.

Technical Table

Article-No.	Type	Nominal Ø	Thread Size (metric)	Thread Size (PG)	Pack Cont.
166-34700	SCSB12-SM-M16	12	M16	–	10
166-34707	SCSB12-SM-PG9	12	–	PG9	10
166-34701	SCSB16-SM-M16	16	M16	–	10
166-34702	SCSB16-SM-M20	16	M20	–	10
166-34708	SCSB16-SM-PG11	16	–	PG11	10
166-34703	SCSB20-SM-M20	20	M20	–	10
166-34709	SCSB20-SM-PG16	20	–	PG16	10
166-34704	SCSB25-SM-M25	25	M25	–	10
166-34710	SCSB25-SM-PG21	25	–	PG21	10
166-34705	SCSB32-SM-M32	32	M32	–	2
166-34711	SCSB32-SM-PG29	32	–	PG29	2
166-34706	SCSB40-SM-M40	40	M40	–	1
166-34712	SCSB40-SM-PG36	40	–	PG36	1

All dimensions in mm. Subject to technical changes.



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Fittings for metallic conduits and metallic overbraid

• SCSB-PC Plain Hole Connector

Plain hole connector, nickel plated brass.

Features and Benefits

- Two part fitting comprising shell and body without thread
- The body is fitted to the conduit through the opposite side of the entry
- Acts as a locking device
- Provides a smooth entry bush

Technical Table

Article-No.	Type	Nominal Ø	Pack Cont.
166-34800	SCSB12-PC	12	10
166-34801	SCSB16-PC	16	10
166-34802	SCSB20-PC	20	10
166-34803	SCSB25-PC	25	10
166-34804	SCSB32-PC	32	2
166-34805	SCSB40-PC	40	1

All dimensions in mm. Subject to technical changes.



Helaguard SCSB-PC Plain Hole Connector.

Material Data

Material	Nickel Plated Brass (NPB)
Colour	Metal (ML)
Operating Temperature	-100 °C to +300 °C

