



Metallic conduits with plastic coating and metallic overbraid

- PCSB Galvanised Steel Conduit, PVC Coating, Galvanised Steel Overbraid

Flexible galvanised steel conduit with PVC coating and galvanised steel overbraid.

Features and Benefits

- High compression strength
- High tensile strength
- High impact strength
- Highly flexible
- High abrasion resistance
- Provides EMC screening

Application

Industrial environments where higher abrasion resistance or EMC screening are required.



The HelaGuard PCSB galvanised steel conduit with a PVC coating galvanised steel overbraid offers high abrasion resistance and EMC screening.

Material Data	
Material	Galvanised Steel (GS), Polyvinylchloride (PVC)
Operating Temperature	-15 °C to +70 °C



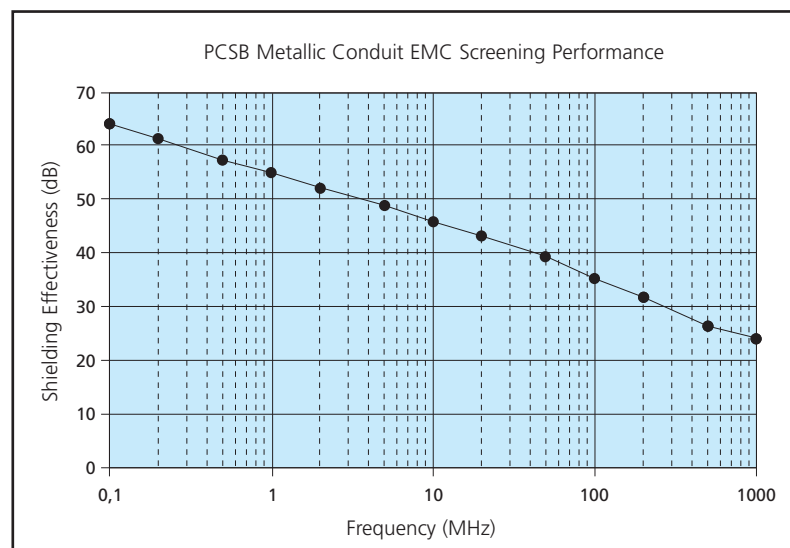
Technical Table

Article-No.	Type	Nominal Ø	Outside Ø	Inside Ø	Bending Radius	Weight (g/m)	Reel Length (m)	Colour
166-33600	PCSB12	12	15.2	10.2	30	252	25	Metal (ML)
166-33601	PCSB16	16	18.2	13.0	40	348	25	Metal (ML)
166-33602	PCSB20	20	22.7	16.9	45	530	25	Metal (ML)
166-33603	PCSB25	25	27.2	21.1	55	614	25	Metal (ML)
166-33604	PCSB32	32	35.2	28.1	70	832	25	Metal (ML)
166-33605	PCSB40	40	45.7	37.6	80	1286	10	Metal (ML)
166-33606	PCSB50	50	57.7	48.4	90	1736	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 with plastic coating and metallic overbraid

• PCSB-FM Fixed External Thread, IP54

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 PCSB-FM Fixed External Thread.



Technical Table

Article-No.	Type	Nominal Ø	Thread Size (metric)	Thread Size (PG)	Pack Cont.
166-33808	PCSB12-FM-PG9	12	–	PG9	10
166-33800	PCSB12-FM-M16	12	M16	–	10
166-33809	PCSB16-FM-PG11	16	–	PG11	10
166-33801	PCSB16-FM-M16	16	M16	–	10
166-33802	PCSB16-FM-M20	16	M20	–	10
166-33803	PCSB20-FM-M20	20	M20	–	10
166-33810	PCSB20-FM-PG16	20	–	PG16	10
166-33804	PCSB25-FM-M25	25	M25	–	10
166-33811	PCSB25-FM-PG21	25	–	PG21	10
166-33805	PCSB32-FM-M32	32	M32	–	2
166-33812	PCSB32-FM-PG29	32	–	PG29	2
166-33806	PCSB40-FM-M40	40	M40	–	1
166-33813	PCSB40-FM-PG36	40	–	PG36	1
166-33807	PCSB50-FM-M50	50	M50	–	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

• PCSB-SM Swivel External Thread, IP54

Swivel external thread, nickel plated brass.

Features and Benefits

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



HelaGuard PCSB-SM Swivel External Thread.

Technical Table

Article-No.	Type	Nominal Ø	Thread Size (metric)	Thread Size (PG)	Pack Cont.
166-33900	PCSB12-SM-M16	12	M16	–	10
166-33908	PCSB12-SM-PG9	12	–	PG9	10
166-33901	PCSB16-SM-M16	16	M16	–	10
166-33902	PCSB16-SM-M20	16	M20	–	10
166-33909	PCSB16-SM-PG11	16	–	PG11	10
166-33903	PCSB20-SM-M20	20	M20	–	10
166-33910	PCSB20-SM-PG16	20	–	PG16	10
166-33904	PCSB25-SM-M25	25	M25	–	10
166-33911	PCSB25-SM-PG21	25	–	PG21	10
166-33905	PCSB32-SM-M32	32	M32	–	2
166-33912	PCSB32-SM-PG29	32	–	PG29	2
166-33906	PCSB40-SM-M40	40	M40	–	1
166-33913	PCSB40-SM-PG36	40	–	PG36	1
166-33907	PCSB50-SM-M50	50	M50	–	1
166-33914	PCSB50-SM-PG42	50	–	PG42	1

All dimensions in mm. Subject to technical changes.



HelaGuard Metallic Conduits with Plastic Coating and Metallic Overbraid and Fittings

Fittings for metallic conduits with plastic coating and metallic overbraid

• PCSB-PC Plain Hole Connector, IP54

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



HelaGuard PCSB-PC Plain Hole Connector.



Technical Table

Article-No.	Type	Nominal Ø	Pack Cont.
166-34000	PCSB12-PC	12	10
166-34001	PCSB16-PC	16	10
166-34002	PCSB20-PC	20	10
166-34003	PCSB25-PC	25	10
166-34004	PCSB32-PC	32	2
166-34005	PCSB40-PC	40	1
166-34006	PCSB50-PC	50	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

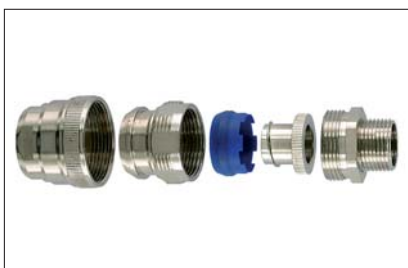



• PCSB-FMC Fixed Thread Compression Fitting, IP65

Fixed external thread, nickel plated brass. Fulfils IP65.

Features and Benefits

- Multipart compression fitting including elastomeric seal
- Can be used for knockouts as fitting rotates until tightened
- Braid is locked between inner and outer compression nuts



HelaGuard PCSB-FMC Fixed Compression Fitting.



Technical Table

Article-No.	Type	Nominal Ø	Thread Size (metric)	Thread Size (PG)	Pack Cont.
166-34100	PCSB16-FMC-M16	16	M16	–	10
166-34101	PCSB16-FMC-M20	16	M20	–	10
166-34105	PCSB16-FMC-PG11	16	–	PG11	10
166-34102	PCSB20-FMC-M20	20	M20	–	10
166-34106	PCSB20-FMC-PG16	20	–	PG16	10
166-34103	PCSB25-FMC-M25	25	M25	–	10
166-34107	PCSB25-FMC-PG21	25	–	PG21	10
166-34104	PCSB32-FMC-M32	32	M32	–	2
166-34108	PCSB32-FMC-PG29	32	–	PG29	2

All dimensions in mm. Subject to technical changes.

Material Data

Material	Nickel Plated Brass (NPB), Polyamide 6 (PA6)
Colour	Metal (ML)
Operating Temperature	-40 °C to +135 °C



Fittings for metallic conduits with plastic coating and metallic overbraid

• PCSB-SMC Swivel Thread Compression Fitting, IP65

Swivel external thread, nickel plated brass.
Fulfils IP65.

Features and Benefits

- Multipart compression fitting including elastomeric seal
- Can be used for knockouts or threaded entries as fitting rotates until tightened
- Braid is locked between inner and outer compression nuts



HelaGuard PCSB-SMC Swivel Compression Fitting.

Technical Table

Article-No.	Type	Nominal Ø	Thread Size (metric)	Pack Cont.
166-34200	PCSB16-SMC-M16	16	M16	10
166-34201	PCSB16-SMC-M20	16	M20	10
166-34202	PCSB20-SMC-M20	20	M20	10
166-34203	PCSB25-SMC-M25	25	M25	10
166-34204	PCSB32-SMC-M32	32	M32	2

All dimensions in mm. Subject to technical changes.

Material Data

Material	Nickel Plated Brass (NPB), Polyamide 6 (PA6)
Colour	Metal (ML)
Operating Temperature	-40 °C to +135 °C



• PCSB-90FMC 90° Elbow Compression Fitting, IP65

External thread elbow, nickel plated brass.
Fulfils IP65.

Features and Benefits

- Multipart 90° compression fitting including elastomeric seal
- Braid is locked between inner and outer compression nuts



HelaGuard PCSB-90FMC Swivel Compression Fitting.

Technical Table

Article-No.	Type	Nominal Ø	Thread Size (metric)	Pack Cont.
166-34300	PCSB16-90FMC-M16	16	M16	10
166-34301	PCSB16-90FMC-M20	16	M20	10
166-34302	PCSB20-90FMC-M20	20	M20	10
166-34303	PCSB25-90FMC-M25	25	M25	10
166-34304	PCSB32-90FMC-M32	32	M32	2

All dimensions in mm. Subject to technical changes.