

HelaGuard Steel Conduits with Plastic Coating and Steel Overbraid

**HelaGuard
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 (OD)	Ø D	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.

**HelaGuard
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	Conduit 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



**HelaGuard
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	Conduit 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.

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**HelaGuard
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

Technical Table

Article-No.	Type	Conduit 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

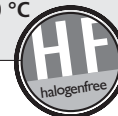
All dimensions in mm. Subject to technical changes.



HelaGuard PCSB-PC Plain Hole Connector.

Material Data

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



**HelaGuard
PCSB-FMC Fixed 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

Technical Table

Article-No.	Type	Conduit 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.



HelaGuard PCSB-FMC Fixed Compression Fitting.

Material Data

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



**HelaGuard
PCSB-SMC Swivel 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

Technical Table

Article-No.	Type	Conduit 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.



HelaGuard PCSB-SMC Swivel Compression Fitting.

Material Data

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



**HelaGuard
PCSB-90FMC Swivel
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

Technical Table

Article-No.	Type	Conduit 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.



HelaGuard PCSB-90FMC Swivel Compression Fitting.