

Adaptasteel overbraided metallic system

TYPE SPLHCB SPECIALIST LIQUID TIGHT HIGH STRENGTH CONDUIT & TYPE SPLB FITTINGS



PRODUCT CHARACTERISTICS

Type

TYPE SPLHCB

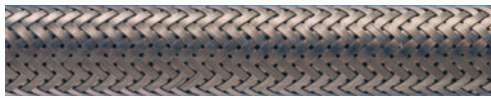
Description

EXTREME TEMPERATURE, ABUSE RESISTANT, OVERBRAIDED FLEXIBLE CONDUIT

Materials

Galvanised Steel Conduit,
Smooth Thermoplastic Rubber Covering,
Stainless Steel Overbraid

Example



NOMINAL CONDUIT SIZE (mm)

OUTSIDE DIAMETER (mm)

TYPE SB
PART NUMBER

INSIDE
DIAMETER (mm)

MINIMUM BEND
RADIUS (mm)

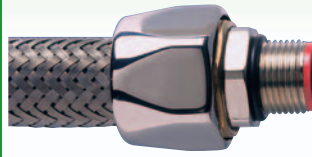
REEL LENGTH (m)

16	19.8	SPLHCB16	12.5	80	25
16	19.8	SPLHCB16	12.5	80	25
20	23.1	SPLHCB20	15.9	95	25
25	28.4	SPLHCB25	21.0	115	25
32	35.1	SPLHCB32	26.7	145	10
40	44.0	SPLHCB40	35.4	180	10
50	56.0	SPLHCB50	40.4	240	10

TYPE A

STRAIGHT FITTING - FIXED EXTERNAL THREAD
For insertion into knockouts using a locknut.

Nickel plated brass



METRIC THREAD

PART NUMBER

M16	SPLB16/M16/A
M20	SPLB16/M20/A
M20	SPLB20/M20/A
M25	SPLB25/M25/A
M32	SPLB32/M32/A
M40	SPLB40/M40/A
M50	SPLB50/M50/A

TYPE B

STRAIGHT FITTING - SWIVEL EXTERNAL THREAD
For insertion into threaded entries & knockouts.

Nickel plated brass



METRIC THREAD

PART NUMBER

M16	SPLB16/M16/B
M20	SPLB16/M20/B
M20	SPLB20/M20/B
M25	SPLB25/M25/B
M32	SPLB32/M32/B
-	-
-	-

IP Rating with
appropriate fitting

IP40

n/a

IP65

n/a

IP66

Type SPLB Fittings - A & B

IP67

Type SPLB Fittings - Type A & B

IP68

Type SPLB Fittings - Type A & B

NEW IP69k

n/a

Temperature Range

Static Applications: -65 °C to +135 °C
Moving Applications: -45 °C to +150 °C

UV Resistance

Very High

Flexibility & Fatigue Life

High Flexibility - High Fatigue Life

Fire Performance,
EMI Screen
& Fitting Characteristics



Approvals



System Applications

Railways
Underground
Public Buildings

For use with following conduit;
Type SPLHCB

n/a

n/a

Type SPLHCB

Type SPLHCB

Type SPLHCB - 10bar 30 mins

n/a

Static Applications: -65 °C to +300 °C
Moving Applications: -45 °C to +250 °C



For use with following conduit;
Type SPLHCB

n/a

n/a

Type SPLHCB

Type SPLHCB

Type SPLHCB - 10bar 30 mins

n/a

Static Applications: -65 °C to +300 °C
Moving Applications: -45 °C to +250 °C



Metallic accessories

LOCKNUTS, P-CLIPS, 90° & 45° ELBOWS, PROXIMITY SWITCH ADAPTORS & FEMALE COUPLERS

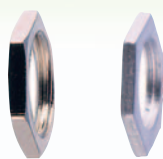
PRODUCT CHARACTERISTICS

Type
Description
Materials
Example

TYPE LNB/LNS

METALLIC LOCKNUTS

Nickel Plated Brass
Galvanised Steel



METRIC THREAD	NICKEL PLATED BRASS	GALVANISED STEEL	PG THREAD	NICKEL PLATED BRASS
M12 x 1.0	LNB/M12 X1	-	PG7	LNB/PG7
M12 x 1.5	LNB/M12	-	PG9	LNB/PG9
M16	LNB/M16	LNS/M16	PG11	LNB/PG11
M20	LNB/M20	LNS/M20	PG13.5	LNB/PG13
M25	LNB/M25	LNS/M25	PG16	LNB/PG16
M32	LNB/M32	LNS/M32	PG21	LNB/PG21
M40	LNB/M40	-	PG29	LNB/PG29
M50	LNB/M50	-	PG36	LNB/PG36
M63	LNB/M63	-	PG42	LNB/PG42
M75	LNB/M75	-	PG48	LNB/PG48

TYPE P

P-CLIP CONDUIT SUPPORT

Plated steel construction
with PVC insert



NOMINAL CONDUIT SIZE (mm)	PART NUMBER
10	P CLIP/10
12	P CLIP/12
16	P CLIP/16
16	P CLIP/16
20	P CLIP/20
25	P CLIP/25
32	P CLIP/32
40	P CLIP/40
50	P CLIP/50
63	P CLIP/63
75	P CLIP/75

TYPE 90/45

BRASS ELBOWS

Nickel Plated Brass



METRIC INTERNAL THREAD	EXTERNAL THREAD	90° ELBOW PART NUMBER	45° ELBOW PART NUMBER
M16	M16	B/M16/90	-
M20	M16	-	B/M16/45
M20	M20	B/M20/90	B/M20/45
M25	M25	B/M25/90	B/M25/45
M32	M32	B/M32/90	B/M32/45
M20	1/2" NPT	B/050/90	B/050/45
M25	3/4" NPT	B/075/90	B/075/45
M32	1" NPT	B/100/90	B/100/45
M16	PG9	B/PG9/90	-
M16	PG11	B/PG11/90	B/PG11/45
M20	PG13.5	B/PG13/90	B/PG13/45
M20	PG16	B/PG16/90	B/PG16/45
M25	PG21	B/PG21/90	B/PG21/45

Type
Description
Materials
Example

TYPE PSA

PROXIMITY SWITCH CONNECTORS

Nickel Plated Brass



INTERNAL THREAD	TO M16 INTERNAL THREAD	TO PG9 INTERNAL THREAD
M12 x 1.0	PSA16/M12	PSA9/M12
M18 x 1.0	PSA16/M18	PSA9/M18
M30	PSA16/M30	PSA9/M30

TYPE TC

UNEQ THREAD CONVERTERS WITH TWO INTERNAL THREADS

Nickel Plated Brass



INTERNAL THREAD	TO M16 INTERNAL THREAD	TO M20 INTERNAL THREAD	TO M25 INTERNAL THREAD	TO M32 INTERNAL THREAD	TO PG21 INTERNAL THREAD
5/8" UNEF	B/063U-M16/TC	-	-	-	-
3/4" UNEF	B/075U-M16/TC	B/075U-M20/TC	-	-	-
7/8" UNEF	-	B/088U-M20/TC	-	-	-
1" UNEF	-	B/100U-M20/TC	B/100U-M25/TC	-	-
1 1/8" UNEF	-	B/119U-M20/TC	B/119U-M25/TC	-	-
1 1/4" UNEF	-	B/131U-M20/TC	-	-	-
1 1/2" UNEF	-	-	B/144U-M25/TC	B/144U-M32/TC	B/144U-PG21/TC

FEMALE COUPLER

BRASS FEMALE COUPLER

Nickel Plated Brass



THREAD	PART NUMBER
M16	B/M16/C
M20	B/M20/C
M25	B/M25/C
M32	B/M32/C
M40	B/M40/C
M50	B/M50/C
M63	B/M63/C
M75	B/M75/C

Metallic accessories

ENLARGERS, REDUCERS & CONVERTERS

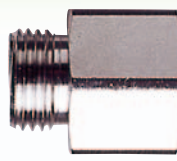
PRODUCT CHARACTERISTICS

Type
Description
Materials
Example

TYPE E, TYPE R & TYPE TC

ENLARGERS, REDUCERS & CONVERTERS

Nickel Plated Brass



EXTERNAL THREAD	TO M12 INTERNAL THREAD	TO M16 INTERNAL THREAD	TO M20 INTERNAL THREAD	TO M25 INTERNAL THREAD	TO M32 INTERNAL THREAD	TO M40 INTERNAL THREAD	TO 1/2" NPT INTERNAL THREAD
M16	B/M16-M12/R	-	B/M16-M20/E	-	-	-	-
M20	B/M20-M12/R	B/M20-M16/R	-	B/M20-M25/E	-	-	B/M20-050/TC
M25	-	-	B/M25-M20/R	-	B/M25-M32/E	-	-
M32	-	-	-	B/M32-M25/R	-	-	-
M40	-	-	-	-	B/M40-M32/R	-	-
M50	-	-	-	-	-	B/M50-M40/R	-
PG7	-	B/PG7-M16/TC	B/PG7-M20/TC	-	-	-	-
PG9	-	B/PG9-M16/TC	B/PG9-M20/TC	-	-	-	-
PG11	-	B/PG11-M16/TC	B/PG11-M20/TC	-	-	-	B/PG11-050/TC
PG13.5	-	B/PG13-M16/TC	B/PG13-M20/TC	-	-	-	-
PG16	-	B/PG16-M16/TC	B/PG16-M20/TC	B/PG16-M25/TC	-	-	B/PG16-050/TC
PG21	-	B/PG21-M16/TC	B/PG21-M20/TC	B/PG21-M25/TC	B/PG21-M32/TC	-	-
PG29	-	-	B/PG29-M20/TC	B/PG29-M25/TC	B/PG29-M32/TC	B/PG29-M40/TC	-
PG36	-	-	-	-	B/PG36-M32/TC	B/PG36-M40/TC	-
PG42	-	-	-	-	-	-	-
PG48	-	-	-	-	-	-	-
1/2" NPT	-	B/050-M16/TC	B/050-M20/TC	-	-	-	-

EXTERNAL THREAD	TO PG7 INTERNAL THREAD	TO PG9 INTERNAL THREAD	TO PG11 INTERNAL THREAD	TO PG13.5 INTERNAL THREAD	TO PG16 INTERNAL THREAD	TO PG21 INTERNAL THREAD	TO PG29 INTERNAL THREAD	TO PG36 INTERNAL THREAD	TO PG42 INTERNAL THREAD	TO PG48 INTERNAL THREAD
M16	B/M16-PG7/TC	B/M16-PG9/TC	B/M16-PG11/TC	-	-	-	-	-	-	-
M20	B/M20-PG7/TC	B/M20-PG9/TC	B/M20-PG11/TC	B/M20-PG13/TC	B/M20-PG16/TC	B/M20-PG21/TC	-	-	-	-
M25	-	-	-	-	-	B/M25-PG21/TC	-	-	-	-
M32	-	-	-	-	-	-	B/M32-PG29/TC	-	-	-
M40	-	-	-	-	-	-	-	-	-	-
M50	-	-	-	-	-	-	-	-	-	-
PG7	-	B/PG7-PG9/E	-	-	-	-	-	-	-	-
PG9	B/PG9-PG7/R	-	B/PG9-PG11/E	B/PG9-PG13/E	-	-	-	-	-	-
PG11	B/PG11-PG7/R	B/PG11-PG9/R	-	B/PG11-PG13/E	B/PG11-PG16/E	-	-	-	-	-
PG13.5	B/PG13-PG7/R	B/PG13-PG9/R	B/PG13-PG11/R	-	B/PG13-PG16/E	B/PG13-PG21/E	-	-	-	-
PG16	B/PG16-PG7/R	B/PG16-PG9/R	B/PG16-PG11/R	B/PG16-PG13/R	-	B/PG16-PG21/E	-	-	-	-
PG21	-	-	B/PG21-PG11/R	B/PG21-PG13/R	B/PG21-PG16/R	-	B/PG21-PG29/E	-	-	-
PG29	-	-	-	-	B/PG29-PG16/R	B/PG29-PG21/R	-	B/PG29-PG36/E	-	-
PG36	-	-	-	-	-	B/PG36-PG21/R	B/PG36-PG29/R	-	B/PG36-PG42/E	B/PG36-PG48/E
PG42	-	-	-	-	-	-	B/PG42-PG29/R	B/PG42-PG36/R	-	B/PG42-PG48/E
PG48	-	-	-	-	-	-	-	B/PG48-PG36/R	B/PG48-PG42/R	-