



## LTPBRD system

galvanised steel core,  
thermoplastic rubber  
coated and stainless  
steel overbraid



### CONDUIT

#### LTPBRD

**Construction:** Galvanised steel, helically wound, flexible conduit with thermoplastic rubber cover (same as LTPHC) and stainless steel (grade 316) overbraid.

**Typical Applications:** Very arduous industrial environments such as steel works.

### FITTINGS

IP66 IP67 IP68 IP69K

#### C

##### external thread nickel plated brass

Multipart compression fitting including nylon seal. Can be used for knockout. Braid is locked between inner and outer compression nuts.

IP66 IP67 IP68 IP69K

#### C-S

##### swivel external thread nickel plated brass

Multipart compression fitting including nylon seal can be used for knockouts or threaded entries. Braid is locked between inner and outer compression nuts.



nominal size (mm)	LTPBRD part number	reel length (m)	outside dia (mm)	inside dia (mm)	min inside bend radius (mm)
16	LTPBRD16	25	19.3	12.6	45
16					
20	LTPBRD20	25	22.6	16.0	65
25	LTPBRD25	25	27.9	21.0	100
32	LTPBRD32	25	34.6	26.5	135
40	LTPBRD40	10	43.3	35.4	175
50	LTPBRD50+	10	49.3	40.4	230

metric thread part number	metric thread part number
LTPB16-M16-C	LTPB16-M16-S
LTPB16-M20-C	LTPB16-M20-S
LTPB20-M20-C	LTPB20-M20-S
LTPB25-M25-C	LTPB25-M25-S
LTPB32-M32-C	LTPB32-M32-S
LTPB40-M40-C	LTPB40-M40-S
LTPB50-M50-C	LTPB50-M50-S

### ORDERING NOTES

- Add reel length eg: LTPBRD20B-25M for 25m reel

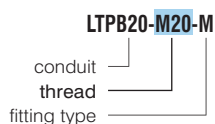
- \* Indicates parts made to order on request and may be subject to MOQ and lead time

- + Double interlock section

- **Available on request:**

- longer lengths
- 45° available in sizes 16-50mm
- cut lengths and assemblies
- additional sizes
- full copies of independent test report confirming screening effectiveness

#### How to read the fittings code



### STANDARDS

BS EN IEC 61386



# properties

- High mechanical strength
- Good flexibility
- IP rating: IP66 + IP67 + IP68 (5 bar) IP69K
- Temperature range -45°C to +135°C
- High abrasion resistance
- Very high tensile strength
- Vibration and shock tested to EN61373 Cat 2



IP66 IP67 IP68 IP69K

## C90 elbow

**external threaded elbow nickel plated brass**

Multipart compression fitting including nylon seal. Braid is locked between inner and outer compression nuts.

## sealing washers

**fibre face sealing washers**

Sealing washer to maintain IP rating of fitting to adjacent equipment.

## locknuts

**galvanised steel and nickel plated brass locknuts**

Hexagonal locknut to secure fitting. EMC locknuts have raised corners to ensure good continuity.

## FCC

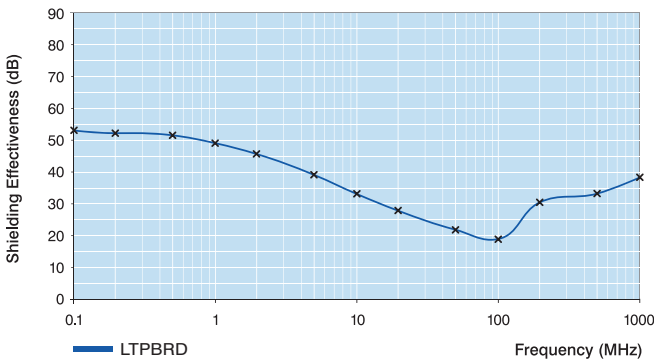
**plated steel P clip with pvc liner, stainless steel P clips**

P clip to support conduit.



metric thread part number	part number	metric thread steel part number	metric thread EMC part number	metric thread brass part number	plated steel part number	stainless steel part number	nominal size (mm)
LTPB16-M16-C90	FW16	S-M16		B-M16	FCC16	FCC16-SS	16
LTPB16-M20-C90	FW20						16
LTPB20-M20-C90	FW20	S-M20	B-M20-EMC	B-M20	FCC20	FCC20-SS	20
LTPB25-M25-C90	FW25	S-M25	B-M25-EMC	B-M25	FCC25	FCC25-SS	25
LTPB32-M32-C90	FW32	S-M32	B-M32-EMC	B-M32	FCC32	FCC32-SS	32
LTPB40-M40-C90	FW40	S-M40	B-M40-EMC	B-M40	FCC40	FCC40-SS	40
LTPB50-M50-C90	FW50	S-M50		B-M50	FCC50	FCC50-SS*	50

## EMC SCREENING PERFORMANCE



## TECHNICAL DRAWING

