

LIQIDTITE CONDUIT



General Purpose Liquidtite Conduit

CONSTRUCTION:

A flexible hot dipped galvanised steel core made from spiral wound corrosion resistant plated steel, and contains nylon cord packing. A flexible smooth outer PVC sheath is extruded over the core. The product is UV stabilised.

APPLICATION:

Liquidtite conduit is used extensively in the machine tool and other industrial environments where flexibility is necessary or where vibration or movement must be absorbed.



LIQ20T
(IP66/67/68)
External Male Thread Straight
Multi part compression fitting with a nylon seal
Available in
Nickel Plated Brass (NPB) and 316 Stainless Steel (SS)



LIQ20E45
(IP66/67/68)
External Male Thread 45 degree bend
Multi part compression fitting with a nylon seal
Available in
Nickel Plated Brass (NPB) and 316 Stainless Steel (SS)



LIQ20E
(IP66/67/68)
External Male Thread 90 degree bend
Multi part compression fitting with a nylon seal
Available in
Nickel Plated Brass (NPB) and 316 Stainless Steel (SS)

Part number	Nominal Size	Outside dia (mm)	Inside dia (mm)	Reel length (m)	Minimum inside bend radius (mm)	Metric thread nickel plated brass straight	Metric thread nickel plated brass 90 deg Elbow	Metric thread nickel plated brass 45 deg Elbow	Metric thread 316 stainless steel straight
LIQ16C	16	17.8	12.5	15, 25, 150	38.0	LIQ16T	LIQ16E	LIQ16E45	LIQ16TSS
LIQ20C	20	21.1	16.0	15, 25, 150	51.0	LIQ20T	LIQ20E	LIQ20E45	LIQ20TSS
LIQ25C	25	26.4	21.0	15, 25, 150	64.0	LIQ25T	LIQ25E	LIQ25E45	LIQ25TSS
LIQ32C	32	33.1	26.7	15, 25, 120	76.0	LIQ32T	LIQ32E	LIQ32E45	LIQ32TSS
LIQ40C	40	41.8	35.5	10, 45	89.0	LIQ40T	LIQ40E	LIQ40E45	LIQ40TSS
LIQ50C	50	47.9	40.3	10, 45	114.0	LIQ50T	LIQ50E	LIQ50E45	LIQ50TSS
LIQ63C	63	59.7	51.6	10, 30	140.0	LIQ63T	LIQ63E	LIQ63E45	LIQ63TSS

Available in Black (B) and Grey (G)

316 STAINLESS STEEL FLEXIBLE CONDUIT



Flexible Stainless Steel Conduit

- ▶ **METAL USED:** Marine grade 316 stainless steel
- ▶ **PLASTIC USED:** N.A.
- ▶ **STANDARD COLOURS:** Self colour
- ▶ **WORKING TEMPERATURES:** -50°C to +300°C
- ▶ **CHEMICAL RESISTANCE:**
(Refer Chemical Resistance Guide on www.electriflex.com)
- ▶ **FITTINGS:** Use CSFSCSS IP40 fittings as listed
- ▶ **RoHS** and WEEE Compliant

CONSTRUCTION:

Flexible marine grade 316 stainless steel.

APPLICATION:

To be used in harsh or corrosive environments such as marine, heavy industrial or low fire hazard.

TECHNICAL FEATURES:

Example LIQ20CS/STEEL: Tensile strength 120kg
Compression Strength 320kg / 100mm

Information on other sizes available on request.



CSFSC - B (IP40)
Two part brass nickel plated straight fitting with a fixed external male thread. Can be installed into a knockout and secured by a lock nut.



CSFSC - BSW (IP40)
Two part brass nickel plated straight fitting with a swivel external male thread. Can be installed into a threaded entry or a knockout and secured by a lock nut.



CSFSC - CSS (IP40)
Multi part compression fitting available in Stainless Steel



CSLT - FLSS
Stainless steel ferrule designed to protect cables against sharp edged conduit

Part number	Nominal Size	Outside dia (mm)	Inside dia (mm)	Reel length (m)	Minimum inside bend radius (mm)	NPB Fixed Straight IP40	NPB Swivel Straight IP40	SS 316 Straight Compression IP40	Stainless Steel 304 Ferrule
LIQ16CS/STEEL	16	16	13	10, 25, 50	40.0	CSFSC16B	CSFSC16BSW	CSFSC16CSS	CSLT16FLSS
LIQ20CS/STEEL	20	20.5	16.9	10, 25, 50	45.0	CSFSC20B	CSFSC20BSW	CSFSC20CSS	CSLT20FLSS
LIQ25CS/STEEL	25	25	21.1	10, 25, 50	55.0	CSFSC25B	CSFSC25BSW	CSFSC25CSS	CSLT25FLSS
LIQ32CS/STEEL	32	32	28.1	10, 25, 50	60.0	CSFSC32B	CSFSC32BSW	CSFSC32CSS	CSLT32FLSS
LIQ40CS/STEEL	40	42.5	37.6	10,30	80.0	CSFSC40B	CSFSC40BSW	CSFSC40CSS	CSLT40FLSS
LIQ50CS/STEEL	50	53	48.4	10,20	90.0	CSFSC50B	CSFSC50BSW	CSFSC50CSS	CSLT50FLSS

STEEL FLEXIBLE CONDUIT



Flexible Steel Conduit

- ▶ **METAL USED:** Hot dipped galvanised steel
- ▶ **PLASTIC USED:** N.A.
- ▶ **STANDARD COLOURS:** Self colour
- ▶ **WORKING TEMPERATURES:** -50°C to +300°C
- ▶ **CHEMICAL RESISTANCE:**
(Refer Chemical Resistance Guide on www.electriflex.com)
- ▶ **FITTINGS:** Use CSFSC IP40 fittings as listed
- ▶ **RoHS and WEEE Compliant**

CONSTRUCTION:

Flexible hot dipped galvanised steel.

APPLICATION:

General wiring, high temperature, low fire hazard applications, under floor wiring, instrumentation and security.

TECHNICAL FEATURES:

Example LIQ25CSTEEL: Tensile strength 120kg
Compression Strength 320kg / 100mm

Information on other sizes available on request.



CSFSC - B
(IP40)
Two part brass nickel plated straight fitting with a fixed external male thread.
Can be installed into a knockout and secured by a lock nut.



CSFSC - BSW
(IP40)
Two part brass nickel plated straight fitting with a swivel external male thread.
Can be installed into a threaded entry or a knockout and secured by a lock nut.



CSLT - FL
Zinc plated steel ferrule
designed to protect cables against sharp edged conduit

Part number

Nominal Size

Outside dia (mm)

Inside dia (mm)

Reel length (m)

Minimum inside bend radius (mm)

NPB Fixed Straight IP40

NPB Swivel Straight IP40

Steel Zinc Plated Ferrule

LIQ16CSTEEL	16	16	13	10, 25, 50	40.0	CSFSC16B	CSFSC16BSW	CSLT16FL
LIQ20CSTEEL	20	20.5	16.9	10, 25, 50	45.0	CSFSC20B	CSFSC20BSW	CSLT20FL
LIQ25CSTEEL	25	25	21.1	10, 25, 50	55.0	CSFSC25B	CSFSC25BSW	CSLT25FL
LIQ32CSTEEL	32	32	28.1	10, 25, 50	60.0	CSFSC32B	CSFSC32BSW	CSLT32FL
LIQ40CSTEEL	40	42.5	37.6	10, 30	80.0	CSFSC40B	CSFSC40BSW	CSLT40FL
LIQ50CSTEEL	50	53	48.4	10, 20	90.0	CSFSC50B	CSFSC50BSW	CSLT50FL