

Treoflex Liquidtite



for standard applications



6

Conduit

Treoflex liquidtight range of flexible conduit & fittings includes products tested to comply with the rigorous requirements of AS/NZS 2053.1:2001 Conduit & fittings for electrical installations - General requirements & AS/NZS 2053.8: 1995 Conduit fittings for electrical installations – Flexible conduits & fittings of metal or composite material. That means that Treoflex provides peace of mind when it comes to worker safety and asset protection.

These conduits are typically used in installations where there are motion, vibration and bending requirements such as in manufacturing or processing plants or where a high level of mechanical protection is required for an indoor or outdoor cable installation. Three grades of liquidtight jacketed metallic conduit are available to suit different types of environments.

Material

Galvanised steel

Outer sheath material: PVC

Technical Data

Temperature range: -10°C to 105°C
 Temperature range temporary up to +90°
 Oil & Acid resistant
 UV Stabilised

Note

Suitable connection glands:
 Treoflex straight. 90° & 45°

Part No	Nominal Size (mm)	Trade size Inch	Inner Ø mm	Outer Ø mm	Minimum Bend Radius	Length	Colour
TREO16	16	3/8"	12.6	17.8	50	10, 25, 50, 150	G, B, O
TREO20	20	1/2"	16.1	21.1	65	10, 25, 50, 150	G, B, O
TREO25	25	3/4"	21.0	26.5	75	10, 25, 50, 150	G, B, O
TREO32	32	1"	26.5	33.1	100	10, 25, 50, 150	G, B, O
TREO40	40	1 1/4"	35.1	41.8	120	10, 25, 50	G, B, O
TREO50	50	1 1/2"	40.4	47.9	140	10, 25	G, B, O
TREO63	63	2"	51.6	59.9	180	10, 25	G, B, O
TREO80	80	3"	78.4	88.4	300	10	G, B, O
TREO100	100	4"	102.1	113.8	350	10	G, B, O

Catalogue Number Construction

Catalogue Number – Base Code + Colour + Length

Colours – Grey (G), Black (B), Orange (O)

Example – 20mm Black 25mm roll = TREO20-B-25



Treoflex liquidtight straight



Conduit gland straight

Treoflex Liquidtight conduit fittings are designed to safely and securely attach Treoflex conduits to enclosures, machinery or bulkheads.

The comprehensive range of Treoflex fittings are the only range made to comply with Australian /New Zealand standards. AS/NZS 2053.8:1995 conduit and fittings for electrical installations – general requirements & AS/NZS 2053.8: 1995 Conduit and fittings for electrical installations – Flexible conduits & fittings of metal. Treoflex fittings ensure that the system is liquidtight to an IP66 rating and are available in three materials for different applications. The popular Treoflex steel fittings have become the market standard and provide superior strength in industrial applications.

Material

Shell: nickel plated Brass
Grounding sleeve: Steel
Seal: PA

Properties

- halogen-free

Application

- Plant and machine construction
- Robot construction
- Automation technology

Technical Data

Protection classification : IP 66

Temperature range: -55°C to +160°C

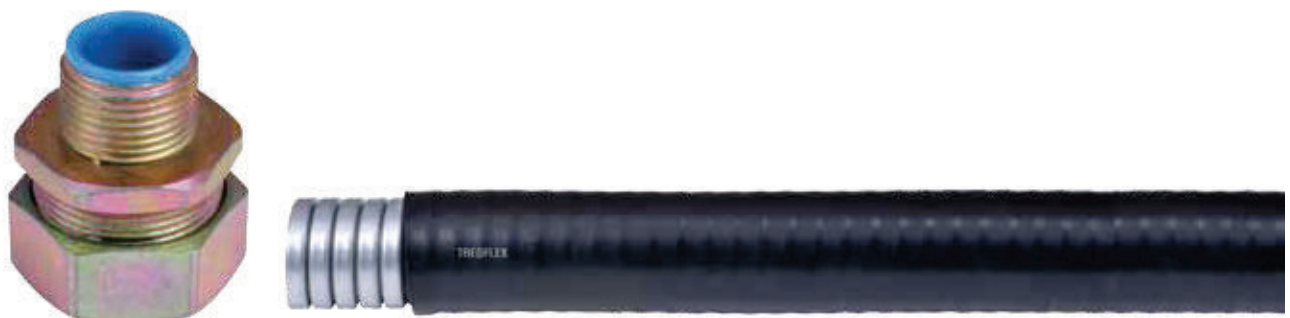
Note

Suitable for metallic protection tubes:

- Vehicle construction and shipbuilding
- Rail technology
- Installation technology
- Control cabinet construction

6

Conduit Size	Thread Size	Zinc Plated Steel	Nickel Plated Brass	Stainless Steel
		Straight	Straight	Straight
16	M16 x 1.5	9360	9360-B	9360-SS
16	M20 x 1.5	9361	9361-B	9361-SS
20	M20 x 1.5	9362	9362-B	9362-SS
25	M25 x 1.5	9363	9363-B	9363-SS
32	M32 x 1.5	9364	9364-B	9364-SS
40	M40 x 1.5	9365	9365-B	9365-SS
50	M50 x 1.5	9366	9366-B	9366-SS
63	M63 x 1.5	9367	9367-B	9367-SS
80	3"	5339*	–	–
100	4"	5360*	–	–



Treoflex liquidtight 90°



6

Treoflex liquidtight 90°

Treoflex liquidtight conduit fittings are designed to safely and securely attach Treoflex conduits to enclosures, machinery or bulkheads.

The comprehensive range of Treoflex fittings are the only range made to comply with Australian /New Zealand standards. AS/NZS 2053.8:1995 conduit and fittings for electrical installations – general requirements & AS/NZS 2053.8: 1995 Conduit and fittings for electrical installations – Flexible conduits & fittings of metal. Treoflex fittings ensure that the system is liquidtight to an IP66 rating and are available in three materials for different applications. The popular Treoflex steel fittings have become the market standard and provide superior strength in industrial applications.

Material

Shell: Cast steel, galvanised
Grounding sleeve: Steel
Seal: PA

Technical Data

Protection classification : IP 66

Application

- Plant and machine construction
- Robot construction
- Automation technology
- Vehicle construction and shipbuilding
- Rail technology
- Installation technology
- Control cabinet construction

Conduit Size	Thread Size	Zinc Plated Steel	Nickel Plated Brass	Stainless Steel
		90°	90°	90°
16	M16 x 1.5	9350	9350-B	9350-SS
16	M20 x 1.5	9351	9351-B	9351-SS
20	M20 x 1.5	9352	9352-B	9352-SS
25	M25 x 1.5	9353	9353-B	9353-SS
32	M32 x 1.5	9354	9354-B	9354-SS
40	M40 x 1.5	9355	9355-B	9355-SS
50	M50 x 1.5	9356	9356-B	9356-SS
63	M63 x 1.5	9357	9357-B	9357-SS
80	3"	5359*	–	–
100	4"	5360*	–	–



Treoflex liquidtight 45°



Treoflex Liquidtight 45°

Treoflex Liquidtight conduit fittings are designed to safely and securely attach Treoflex conduits to enclosures, machinery or bulkheads.

The comprehensive range of Treoflex fittings are the only range made to comply with Australian /New Zealand standards. AS/NZS 2053.8:1995 conduit and fittings for electrical installations – general requirements & AS/NZS 2053.8: 1995 Conduit and fittings for electrical installations – Flexible conduits & fittings of metal. Treoflex fittings ensure that the system is liquidtight to an IP66

Material

Shell: Cast steel, galvanised
Grounding sleeve: Steel
Seal: PA

Technical Data

Protection classification : IP 66

Application

- Plant and machine construction, automation and installation technology, vehicle construction and shipbuilding

6

Conduit Size	Thread Size	Zinc Plated Steel	Nickel Plated Brass	Stainless Steel
		45°	45°	45°
16	M16 x 1.5	9340	9340-B	9340-SS
16	M20 x 1.5	9341	9341-B	9341-SS
20	M20 x 1.5	9342	9342-B	9342-SS
25	M25 x 1.5	9343	9343-B	9343-SS
32	M32 x 1.5	9344	9344-B	9344-SS
40	M40 x 1.5	9345	9345-B	9345-SS
50	M50 x 1.5	9346	9346-B	9346-SS
63	M63 x 1.5	9347	9347-B	9347-SS
80	3"	5349*	–	–
100	4"	5350*	–	–

