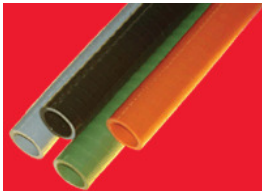


Product Details

171-180 Series - Non Metallic Liquidtight Conduit														
  Temperature Rating & Colour: <table><tr><td>Grey</td><td>171 Series</td><td>-25°C to +60°C</td></tr><tr><td>Green</td><td>172 Series</td><td>-25°C to +80°C</td></tr><tr><td>Orange</td><td>178 Series</td><td>-25°C to +105°C</td></tr><tr><td>Black</td><td>180 Series</td><td>-20°C to +80°C</td></tr></table>	Grey	171 Series	-25°C to +60°C	Green	172 Series	-25°C to +80°C	Orange	178 Series	-25°C to +105°C	Black	180 Series	-20°C to +80°C	Material: (172 - Compounded for resistance to heavy oil saturation)	Spiral reinforced PVC
	Grey	171 Series	-25°C to +60°C											
	Green	172 Series	-25°C to +80°C											
	Orange	178 Series	-25°C to +105°C											
	Black	180 Series	-20°C to +80°C											
	Construction:	Smooth bore Smooth exterior												
	Flexibility:	Medium flexibility												
Application:	Food processing Mining equipment Steel works Marine use Direct burial													
Protection Index:	IP67													
UV Resistance:	Superior													
Flame Retarded:	UL 94 VO Self extinguishing													
Standards:	AS 2053 Parts 1 & 5 UL Listed E-123464 CE													
Directive 2002/95/EC RoHS:	RoHS No. 016/06													

(mm)	171	172	178	180	(mm)		(m)
Trade Size	Standard	Oil Resistant	Oil & Heat Resistant	Oil & Heat Resistant	Internal Diameter	External Diameter	Coil Length
16	171.012	172.012	178.012	180.012	12.55	17.65	30
20	171.016	172.016	178.016	180.016	16.05	21.97	30
25	171.021	172.021	178.021	180.021	21.08	26.29	30
32	171.026	172.026	178.026	180.026	26.82	32.94	30
40	171.035			180.035	35.56	41.65	30
50	171.040			180.040	40.38	47.67	30
63	171.050			180.050	51.69	59.74	30

Fittings* (Metallic fittings are suitable for use with these conduits)

Straight (PG & GAS also available)
Metric & NPT - 943 & 949

Angle 90° (PG & GAS also available)
Metric & NPT - 947 & 978

(mm)	943		949				947		978			
Trade Size	Metric Straight	Thread	NPT Straight	Thread	Pack Qty	Min Qty	Metric 90° Angle	Thread	NPT 90° Angle	Thread	Pack Qty	Min Qty
16	943.012	20 x 1.5	949.012	1/2"	50	10	947.012	20 x 1.5	978.012	1/2"	50	10
20	943.016	20 x 1.5	949.016	1/2"	50	10	947.016	20 x 1.5	978.016	1/2"	50	10
25	943.021	25 x 1.5	949.021	3/4"	25	5	947.021	25 x 1.5	978.021	3/4"	25	5
32	943.026	32 x 1.5	949.026	1"	25	5	947.026	32 x 1.5	978.026	1"	25	5
40	943.035	40 x 1.5	949.035	1 1/4"	10	2	947.035	40 x 1.5	978.035	1 1/4"	10	2
50			949.040	1 1/2"	10	2			978.040	1 1/2"	10	2
63			949.050	2"	10	2			978.050	2"	10	2



General Chemical Resistance

Ammonia	Linseed Oil
Animal Fats & Oils	Lubricating Oils, Greases, Soaps
Borax	Mineral Oil
Boric Acid	Nitric Acid 10%
Brine	Nitric Acid 35%
Carbon Dioxide	Oleic Acid
Carbonic Acid	Oxalic Acid
Castor Oil	Phosphoric Acid

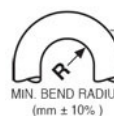
*Fitting Characteristics - 943, 947, 949, 978

Material:	Hi-Impact PVC
Application:	Wet and harsh areas
Temperature Rating:	-20°C - +80°C
Protection Index:	IP67
UV Resistance:	Superior
Flame Retarded:	UL 94 VO Self extinguishing
Standards:	Meets AS 2053 Parts 1 & 5 CE

Caustic Soda 40%	Potassium Hydroxide
Citric Acid	Silicone Oil
Corn Oil	Sodium Cyanide
Diethyl Ether	Sodium Hydroxide
Glycerine	Sulfuric Acid 50%
Grease	Tannic Acid
Hydrobromic Acid	Vegetable Oils & Juices
Hydrochloric Acid 10%	Vinegar
Hydrogen Peroxide 10%	Water

UL Listed Spec 514b
Exceeds UL 68Kg 5mins pull-out test

 **Product Enquiry** ▶



SIZE	16	20	25	32	40	50	63
(171)	50	70	90	140	190	240	270
(172)	50	70	90	140	190	240	270
(178)	50	70	90	140	190	240	270
(180)	50	70	90	140	190	240	270

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