



RHINO®

171-180 Series

NON METALLIC LIQUIDTIGHT CONDUIT

MATERIAL: Spiral reinforced PVC
(172—Compounded for resistance to heavy oil saturation)

CONSTRUCTION: Smooth bore

FLEXIBILITY: Medium flexibility

APPLICATION: Food processing
Mining equipment
Steel works
Marine use
Direct burial

GENERAL. CHEMICAL RESISTANCE

Ammonia
Animal Fats & Oils
Borax
Boric Acid
Brine
Carbon Dioxide
Carbonic Acid
Castor Oil
Caustic Soda 40%
Citric Acid
Corn Oil
Diethyl Ether
Glycerine
Grease
Hydrobromic Acid
Hydrochloric Acid 10%
Hydrogen Peroxide 10%
Linseed Oil

Lubricating Oils, Greases,
Soaps
Mineral Oil
Nitric Acid 10%
Nitric Acid 35%
Oleic Acid
Oxalic Acid
Phosphoric Acid
Potassium Hydroxide
Silicone Oil
Sodium Cyanide
Sodium Hydroxide
Sulfuric Acid 50%
Tannic Acid
Vegetable Oils & Juices
Vinegar
Water

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



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

FITTINGS*

Straight

(metallic fittings on p.13 are suitable for use with these conduits)

PG & GAS ALSO AVAILABLE



Metric & NPT
943 & 949



Metric & NPT
947 & 978

Directive 2002/95/EC RoHS: RoHS No. 016/06

mm	171	172	178	180	INTERNAL DIAMETER	EXTERNAL DIAMETER	COIL LENGTH (m)
TRADE SIZE	STANDARD	OIL RESISTANT	OIL & HEAT RESISTANT	OIL & HEAT RESISTANT			
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

943	949	947	978	PACK QUANTITY	MINIMUM QUANTITY	THREAD	PACK QUANTITY	MINIMUM QUANTITY
METRIC STRAIGHT	NPT STRAIGHT	METRIC 90° ANGLE	NPT 90° ANGLE					
943.012	949.012	947.012	978.012	50	10	20 x 1.5	50	10
943.016	949.016	947.016	978.016	50	10	20 x 1.5	50	10
943.021	949.021	947.021	978.021	25	5	25 x 1.5	25	5
943.026	949.026	947.026	978.026	25	5	32 x 1.5	25	5
943.035	949.035	947.035	978.035	10	2	40 x 1.5	10	2
	949.040		978.040	10	2		10	2
	949.050		978.050	10	2		10	2