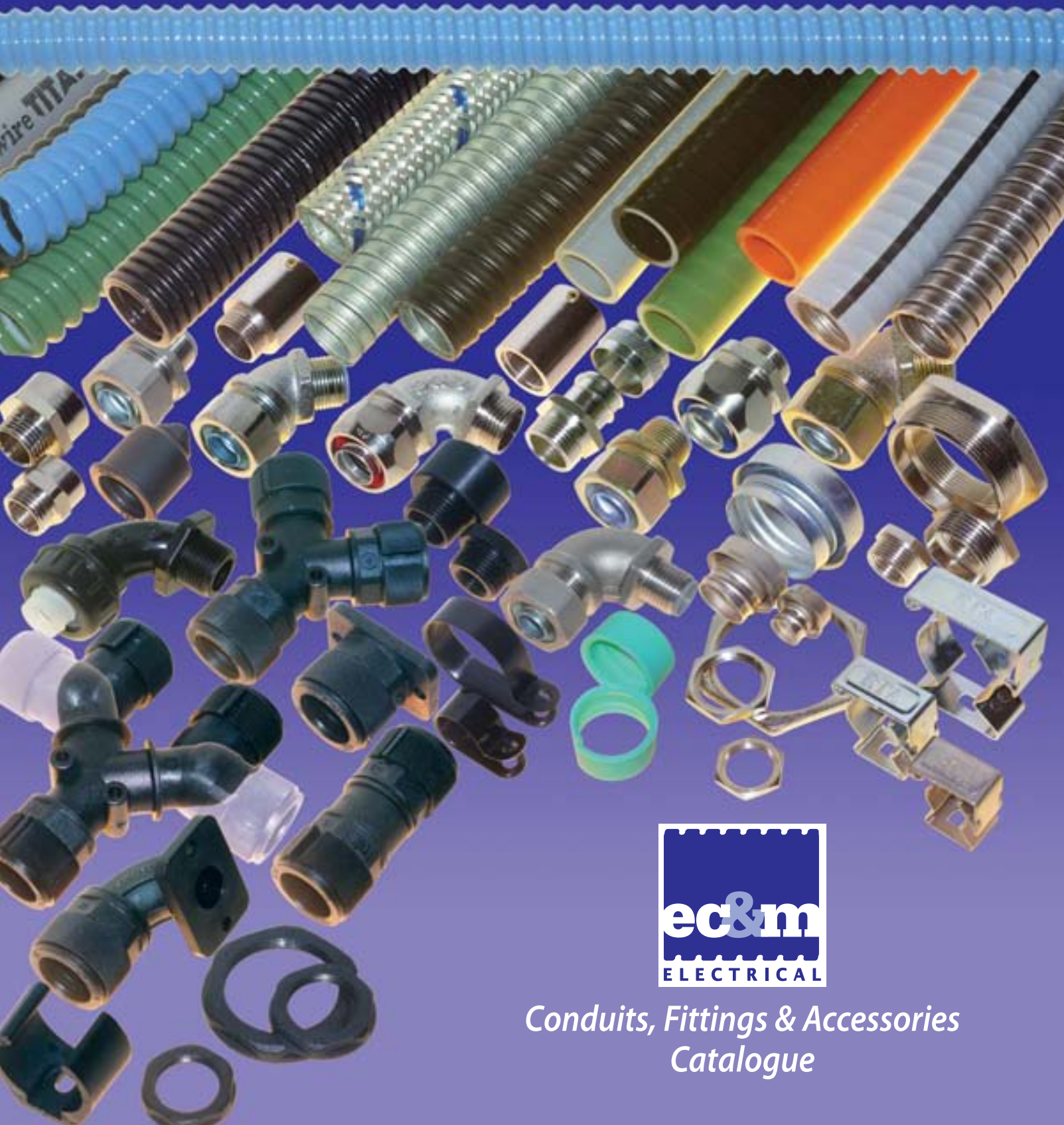


Simple solutions...

RAMFLEX

Cable Management Systems



*Conduits, Fittings & Accessories
Catalogue*

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We reserve the right to alter, without notice, the specifications and availability of the products shown in this catalogue.

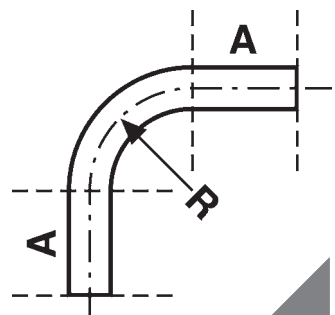


*CHARACTERISTICS

MATERIAL:	FITTINGS: Nickel plated brass	PROTECTION INDEX:	IP67
	BEND: Zinc plated steel	UV RESISTANCE:	Superior
TEMP. RATING:	-65°C – +205°C	STANDARDS:	CEI EN 50086-2-1

(mm)	Male 1.	(mm)	Female 2.	(mm)	(mm)					
CONDUIT SIZE	CODE	OVERALL LENGTH	THREADED LENGTH	CODE	OVERALL LENGTH	INTERNAL DIAMETER	EXTERNAL DIAMETER	THREAD	PACK QUANTITY	MINIMUM QUANTITY
16	55016	37	9	56016	47	13	22	16x1.5	50	10
20	55020	37	9	56020	47	17	26	20x1.5	50	10
25	55025	37	9	56025	47	22	32	25x1.5	25	10
32	55032	37	9	56032	47	28	39	32x1.5	20	5
40	55040	37	9	56040	47	35	47	40x1.5	10	2
50	55050	37	9	56050	47	45	57	50x1.5	5	2
63	55063	47	9	56063	47	57	70	63x1.5	5	2

(mm)	Joiner 3.	(mm)		BEND 4.	(mm)							
CONDUIT SIZE	CODE	OVERALL LENGTH	INTERNAL DIAMETER	EXTERNAL DIAMETER	PACK QUANTITY	MINIMUM QUANTITY	CODE	INTERNAL DIAMETER	BEND RADIUS — "R"	STRAIGHTS — "A"	PACK QUANTITY	MINIMUM QUANTITY
16	57016	63	14	22	50	10	TZR 90/16	14	40	68	25	5
20	57020	63	18	26	50	10	TZR 90/20	18	50	75	25	5
25	57025	63	23	32	25	5	TZR 90/25	22.5	70	80	10	2
32	57032	63	29	39	20	5	TZR 90/32	29.5	80	85	10	2
40	57040	63	37	47	10	2	TZR 90/40	37.5	100	90	5	1
50	57050	63	47	57	5	2	TZR 90/50	47.5	125	100	1	1
63	57063	85	57	70	5	2						



ULTRAFLEX®

150 Series

FLEXIBLE CONDUIT

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

CONSTRUCTION: Smooth bore
Convuluted exterior

FLEXIBILITY: Highly flexible

TEMPERATURE RATING & COLOUR:

BLACK	150 Series	-25°C – +75°C
GREEN	154 Series	-25°C – +75°C
BLUE	158 Series	-25°C – +105°C

PROTECTION INDEX: IP65

UV RESISTANCE: Superior

FLAME RETARDED: UL 94 VO Self extinguishing

STANDARDS: AS 2053 Parts 1 & 5
CS 2796 N
UL Recognised component
CE

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

TRADE SIZE	150 Series			154 Series			158 Series			952		954		972		974		
	STANDARD	OIL RESISTANT	HEAT RESISTANT	INTERNAL DIAMETER	EXTERNAL DIAMETER	COIL LENGTH	METRIC STRAIGHT	THREAD	PG STRAIGHT	THREAD	PACK QUANTITY	MINIMUM QUANTITY	METRIC 90° ANGLE	THREAD	PG 90° ANGLE	THREAD	PACK QUANTITY	MINIMUM QUANTITY
10	150.006			6	10.0	20												
12	150.008	154.008	158.008	8	12.1	30			954.008	pg 7	50	10						
14	150.010	154.010	158.010	10	14.7	30	952.010	12 x 1.5	954.010	pg 7	50	10			974.010	pg 7	50	10
16	150.012	154.012	158.012	12	16.4	30	952.012	16 x 1.5	954.012	pg 9	50	10	972.012	16 x 1.5	974.012	pg 9	50	10
									954.013	pg 11	50	10			974.013	pg 11	50	10
									954.014	pg 13.5	50	10			974.014	pg 13.5	50	10
20	150.016	154.016	158.016	16	20.7	30	952.016	20 x 1.5	954.016	pg 11	50	10	972.016	20 x 1.5	974.016	pg 11	50	10
									954.017	pg 13.5	50	10			974.017	pg 13.5	50	10
									954.018	pg 16	50	10			974.018	pg 16	50	10
25	150.022	154.022	158.022	22	27.7	30	952.022	25 x 1.5	954.022	pg 16	50	10	972.022	25 x 1.5	974.022	pg 16	50	10
									954.023	pg 21	50	10			974.023	pg 21	50	10
32	150.028	154.028	158.028	28	33.5	30	952.028	32 x 1.5	954.028	pg 21	25	5	972.028	32 x 1.5			25	5
									954.029	pg 29	25	5			974.029	pg 29	25	5
40	150.035	154.035	158.035	35	41.0	30	952.035	40 x 1.5	954.035	pg 29	25	5	972.035	40 x 1.5			25	5
									954.036	pg 36	25	5			974.036	pg 36	25	5
50	150.040	154.040	158.040	40	46.4	30	952.040	50 x 1.5	954.040	pg 42	10	2						
63	150.050	154.050	158.050	50	57.2	30	952.050	63 x 1.5	954.050	pg 48	10	2						

GENERAL CHEMICAL RESISTANCE

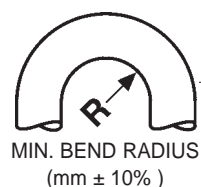
Ammonia	Lubricating Oils, Greases,
Animal Fats & Oils	Soaps
Borax	Mineral Oil
Boric Acid	Nitric Acid 10%
Brine	Nitric Acid 35%
Carbon Dioxide	Oleic Acid
Carbonic Acid	Oxalic Acid
Castor Oil	Phosphoric Acid
Caustic Soda 40%	Potassium Hydroxide
Citric Acid	Silicone Oil
Corn Oil	Sodium Cyanide
Diethyl Ether	Sodium Hydroxide
Glycerine	Sulfuric Acid 50%
Grease	Tannic Acid
Hydrobromic Acid	Vegetable Oils & Juices
Hydrochloric Acid 10%	Vinegar
Hydrogen Peroxide 10%	Water
Linseed Oil	

*FITTING CHARACTERISTICS

952, 954, 972, 974

MATERIAL:	Polypropylene
APPLICATION:	Torsional equipment
TEMPERATURE RATING:	-25°C – +105°C
PROTECTION INDEX:	IP65
UV RESISTANCE:	Superior
FLAME RETARDED:	UL 94 VO Self extinguishing
STANDARDS:	AS 2053 Parts 1 & 5 CS 2796 N UL Recognised component CE

Directive 2002/95/EC RoHS: RoHS No. 017/06



SIZE	10	12	14	16	20	25	32	40	50	63
(150)	12	16	25	30	35	50	60	70	80	105
(154)	12	16	25	30	35	50	60	70	80	105
(158)	12	16	25	30	35	50	60	70	80	105

FITTINGS*

Straight



Metric & PG
952 & 954 complete with locknut

Angle 90°



Metric & PG
972 & 974 complete with locknut

ULTRAFLEX® 160 Series

EXTRA HEAVY-DUTY FLEXIBLE CONDUIT

MATERIAL: Spiral reinforced PVC
CONSTRUCTION: Smooth bore
Smooth exterior
FLEXIBILITY: Highly flexible
APPLICATION: Torsional equipment
Food applications
Packaging machinery

TEMPERATURE RATING & COLOUR:
BLACK 160 Series -25°C – +75°C
PROTECTION INDEX: IP65
UV RESISTANCE: Superior
FLAME RETARDED: UL 94 VO Self extinguishing
STANDARDS: AS 2053 Parts 1 & 5
CS 2796 N
UL Recognised component
CE

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

GENERAL CHEMICAL RESISTANCE

Ammonia	Lubricating Oils, Greases,
Animal Fats & Oils	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
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
Linseed Oil	

*FITTING CHARACTERISTICS

953, 863

MATERIAL: Polyamide PA6 fibreglass
APPLICATION: Torsional equipment
TEMPERATURE RATING: -20°C — +80°C
PROTECTION INDEX: IP65
UV RESISTANCE: Superior
FLAME RETARDED: UL 94 VO Self extinguishing
STANDARDS: Meets AS 2053 Parts 1 & 5
CE

FITTINGS* Straight

PG & GAS ALSO AVAILABLE



Metric 953



Metric 952**



Conversion ring 746

Angle 90°

PG & GAS ALSO AVAILABLE



Metric Angle Converter* 863

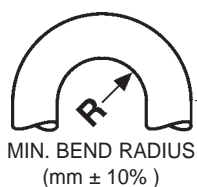


Metric 972**

TRADE SIZE	160 HEAVY DUTY	(mm)		(m)	953		863		746		952		972		PACK QUANTITY	MINIMUM QUANTITY
		INTERNAL DIAMETER	EXTERNAL DIAMETER		METRIC STRAIGHT	THREAD	METRIC 90° ANGLE	THREAD	CONVERSION RINGS FOR USING 150 FITTINGS	THREAD	METRIC STRAIGHT	THREAD	METRIC 90° ANGLE	THREAD		
12	160.008	8	11.0	30							954.008	PG7			50	10
14	160.010	10	14.0	30	953.010	16 x 1.5	86381	16 x 1.5	746.010	10	952.010	12 x 1.5			50	10
16	160.012	12	15.6	30	953.011	16 x 1.5	86382	16 x 1.5	746.012	12	952.012	16 x 1.5	972.012	16 x 1.5	50	10
					953.013	20 x 1.5							50	10		
20	160.016	16	20.5	30	953.016	20 x 1.5	86383	20 x 1.5	746.016	16	952.016	20 x 1.5	972.016	20 x 1.5	50	10
25	160.022	22	26.2	30	953.022	25 x 1.5	86384	25 x 1.5	746.022	22	952.022	25 x 1.5	972.022	25 x 1.5	50	10
32	160.028	28	33.2	30	953.028	32 x 1.5	86385	32 x 1.5	746.028	28	952.028	32 x 1.5	972.028	32 x 1.5	25	5
40	160.035	35	40	30					746.035	35	952.035	40 x 1.5	972.035	40 x 1.5	25	5
50	160.040	40	45	30					746.040	40	952.040	50 x 1.5			10	2
63	160.050	50	55	30					746.050	50	952.050	63 x 1.5			10	2

*953 and 863 are coupled together to make the complete 90° angle fitting.

**These are 150 Conduit Series fittings. They require to be fitted with the 746 Conversion Rings shown. See page 2 for fitting characteristics



MIN. BEND RADIUS (160)
(mm ± 10%)

SIZE	12	14	16	20	25	32	40	50	63
R	20	25	30	35	50	60	80	90	105

RHINO®

171-180 Series

NON METALLIC LIQUIDTIGHT CONDUIT

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

CONSTRUCTION: Smooth bore
Smooth exterior

FLEXIBILITY: Medium flexibility

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

TEMPERATURE RATING & COLOUR:		
GREY	171 Series	-25°C – +60°C
GREEN	172 Series	-25°C – +80°C
ORANGE	178 Series	-25°C – +105°C
BLACK	180 Series	-20°C – +80°C

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

TRADE SIZE	mm			(mm)			(m)		943		949		947		978				
	171	172	178	180	INTERNAL DIAMETER	EXTERNAL DIAMETER	COIL LENGTH	METRIC STRAIGHT	THREAD	NPT STRAIGHT	THREAD	PACK QUANTITY	MINIMUM QUANTITY	METRIC 90° ANGLE	THREAD	NPT 90° ANGLE	THREAD	PACK QUANTITY	MINIMUM QUANTITY
16	171.012	172.012	178.012	180.012	12.55	17.65	30	943.012	20 x 1.5	949.012	½"	50	10	947.012	20 x 1.5	978.012	½"	50	10
20	171.016	172.016	178.016	180.016	16.05	21.97	30	943.016	20 x 1.5	949.016	½"	50	10	947.016	20 x 1.5	978.016	½"	50	10
25	171.021	172.021	178.021	180.021	21.08	26.29	30	943.021	25 x 1.5	949.021	¾"	25	5	947.021	25 x 1.5	978.021	¾"	25	5
32	171.026	172.026	178.026	180.026	26.82	32.94	30	943.026	32 x 1.5	949.026	1"	25	5	947.026	32 x 1.5	978.026	1"	25	5
40	171.035			180.035	35.56	41.65	30	943.035	40 x 1.5	949.035	1¼"	10	2	947.035	40 x 1.5	978.035	1¼"	10	2
50	171.040			180.040	40.38	47.67	30			949.040	1½"	10	2			978.040	1½"	10	2
63	171.050			180.050	51.69	59.74	30			949.050	2"	10	2			978.050	2"	10	2

FITTINGS*

Straight

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

PG & GAS ALSO AVAILABLE



Metric & NPT
943 & 949

Angle 90°

PG & GAS ALSO AVAILABLE



Metric & NPT
947 & 978

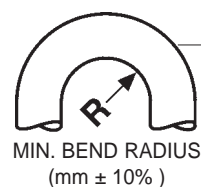
GENERAL CHEMICAL RESISTANCE

Ammonia	Lubricating Oils, Greases,
Animal Fats & Oils	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
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
Linseed Oil	

*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



CPS CONDUIT*

Polyamide Corrugated Halogen Free

ECO IMPACT: Suitable for use in Green Star projects

PAH & POH Series

MATERIAL: Polyamide 6
CONSTRUCTION: Corrugated exterior and interior
FLEXIBILITY: PAH- Very flexible
 POH- Flexible

TEMPERATURE RATING & COLOUR:

BLACK	PAH Series	-40°C – +105°C (150° short term)
BLACK	POH Series	-40°C – +105°C (150° short term)

PROTECTION INDEX: IP68 EN60529
UV RESISTANCE: Superior
FLAME RETARDED: UL 94 VO Self extinguishing

STANDARDS: AS 2053 Parts 1 & 5
 UL Recognised component
 CE



Directive 2002/95/EC Rohs:

TRADE SIZE	STANDARD	(mm)		HEAVY DUTY	(mm)		(m)
		INTERNAL DIAMETER	EXTERNAL DIAMETER		INTERNAL DIAMETER	EXTERNAL DIAMETER	
10	PAH-07B	6.4	10	POH-07B	6	10.0	10, 25, 50
14	PAH-10B	9.6	13	POH-10B	9	13	10, 25, 50
16	PAH-12B	11.8	15.8	POH-12B	11.5	15.8	10, 25, 50
20	PAH-16B	15.9	21.2	POH-16B	15.5	21.2	10, 25, 50
25	PAH-22B	21.7	28.5	POH-22B	21.3	28.5	10, 25, 50
32	PAH-28B	27.8	34.5	POH-28B	26.8	34.5	10, 25, 50
40	PAH-36B	36	42.5	POH-36B	35.2	42.5	5, 10, 30
50	PAH-48B	46.5	54.5	POH-48B	46	54.5	5, 10, 30
63	PAH-56B	56.3	67.2				5, 10, 30
80	PAH-70B	70	82.5				5, 10
100	PAH-95B	91.5	106				5, 10

PAR & Split CPSS Series

MATERIAL: PAR- Polyamide 12
 CPSS- Polyamide 6
CONSTRUCTION: Corrugated exterior and interior
FLEXIBILITY: PAR- Highly flexible
 CPSS- Very flexible

TEMPERATURE RATING & COLOUR:

BLACK	PAR Series	-50°C – +95°C (150° short term)
BLACK	CPSS Series	-40°C – +105°C (150° short term)

PROTECTION INDEX: PAR- IP68
UV RESISTANCE: Superior
FLAME RETARDED: PAR- UL 94 V2
 CPSS- UL 94 HB

STANDARDS: AS 2053 Parts 1 & 5
 UL Recognised component. File E191879
 CE



Directive 2002/95/EC Rohs:

TRADE SIZE	ROBOTIC	(mm)		SPLIT	(mm)		(m)
		INTERNAL DIAMETER	EXTERNAL DIAMETER		INTERNAL DIAMETER	EXTERNAL DIAMETER	
10	PAR-07B	6.4	10	CPSS-07B	6.4	10	10, 25, 50
14	PAR-10B	9.6	13	CPSS-10B	9.6	13	10, 25, 50
16	PAR-12B	11.8	15.8	CPSS-12B	11.8	15.8	10, 25, 50
20	PAR-16B	15.9	21.2	CPSS-16B	15.9	21.2	10, 25, 50
25	PAR-22B	21.7	28.5	CPSS-22B	21.7	28.5	10, 25, 50
32	PAR-28B	27.8	34.5	CPSS-28B	27.8	34.5	10, 25, 50
40	PAR-36B	36	42.5	CPSS-36B	36	42.5	5, 10, 30
50	PAR-48B	46.5	54.5	CPSS-48B	46.5	54.5	5, 10, 30
63	PAR-56B	56.3	67.2	CPSS-56B	56.3	67.2	5, 10, 30
80	PAR-70B	70	82.5	CPSS-70B	70	82.5	5, 10

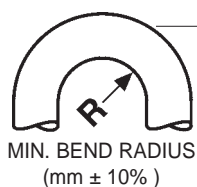
GENERAL CHEMICAL RESISTANCE

- Acetone
- Benzene
- Carbon tetrachloride
- Citric acid
- Diesel oil
- Diethylamine
- Ethanol
- Ether
- Ethylamine
- Ethylene Glycol
- Freon 32
- Lubricating oil
- MEK
- Paraffin oil
- Petrol
- Sea water
- Skydrol
- Sodium chloride
- Sodium hydroxide 10%
- Sodium hydroxide 60%
- Transformer oil
- Turpentine
- Vegetable oil

GENERAL CHEMICAL RESISTANCE

- Acetone
- Benzene
- Carbon tetrachloride
- Citric acid
- Diesel oil
- Diethylamine
- Ethanol
- Ether
- Ethylamine
- Ethylene Glycol
- Freon 32
- Lubricating oil
- MEK
- Paraffin oil
- Petrol
- Sea water
- Skydrol
- Sodium chloride
- Sodium hydroxide 10%
- Sodium hydroxide 60%
- Transformer oil
- Turpentine
- Vegetable oil

SIZE 10 14 16 20 25 32 40 50 63 80 100



	10	14	16	20	25	32	40	50	63	80	100
(PAH) R	15	20	30	40	45	55	60	70	110	160	210
(POH) R	20	25	35	45	50	60	70	80			
(PAR) R	15	20	30	40	45	55	60	70	110	160	

(* see next page for fittings...)

CPS FITTINGS

FITTING CHARACTERISTICS

MATERIAL: Polyamide 6
 TEMPERATURE RATING: -40°C – +105°C
 PROTECTION INDEX: IP67
 UV RESISTANCE: Superior
 FLAME RETARDED: UL 94 VO Self extinguishing
 STANDARDS: AS 2053 Parts 1 & 5
 UL Recognised component
 CE

Directive 2002/95/EC Rohs:



Conduit connector
TNC series



90° Elbow connector
TWC series



Straight flange connector
TNOC series



Conduit end cap
FEC series



Convertible "T" and "Y"
TYC series



45° Elbow connector
TAC series



Connector push-fit
TNSC series



90° elbow flange connector
TWOC series



Connector for Cannon
TIC series



"V" fitting
TVC series

TRADE SIZE	TNC			TWC		TAC		TNSC		FEC		(mm) NFH		TNOC			TWOC			TIC				TYC		TVC			
	STRAIGHT	90° ELBOW	45° ELBOW	THREAD	PACK QUANTITY	MIN. QUANTITY	CONDUIT CONNECTOR	PACK QUANTITY	MIN. QUANTITY	END CAP	MIN	MAX	CONDUIT CLIP	HEIGHT (mm)	PACK QUANTITY	MINI. QUANTITY	STRAIGHT FLANGE	90° ELBOW FLANGE	PACK QUANTITY	MINIMUM QUANTITY	CONNECTOR (for CANNON)	SHELL SIZE	THREAD	PACK QUANTITY	MINIMUM QUANTITY	CONVERTIBLE "T" - "Y" FITTING	"V" FITTING	CONDUIT SIZE	PACK QUANTITY
10	TNC-M107B	TWC-M107B		12 x 1.5	25	10				FEC-07B	2	7	NFH-07B	20	10	5					TIC-U1010B	8S, 10S	½-28 UNEF	10	2	TYC-10-10-10B	TVC-10-10-10B	12 x 12 x 12	1
	TNC-M127B			16 x 1.5	25	10															TIC-U1210B	10SL, 12, 12S	⅝-24 UNEF	10	2	TYC-12-10-10B	TVC-12-10-10B	16 x 12 x 12	1
	TNC-M167B			20 x 1.5	25	10															TIC-U1410B	14, 14S	¾-20 UNEF	10	2	TYC-12-12-10B	TVC-12-12-10B	16 x 16 x 12	1
14	TNC-M10B	TWC-M10B	TAC-M10B	12 x 1.5	25	10	TNSC-10B	10	2	FEC-10B	3	10	NFH-10B	24.2	10	5					TIC-U1212B	10SL, 12S	⅝-24 UNEF	10	2	TYC-12-12-12B	TVC-12-12-12B	16 x 16 x 16	1
	TNC-M10/16B			16 x 1.5	25	10															TIC-U1412B	14, 14S	¾-20 UNEF	10	2	TYC-16-10-10B	TVC-10-10-10B	16 x 12 x 12	1
16	TNC-M102B			12 x 1.5	25	10				FEC-12B	4.2	12	NFH-12B	25.7	10	5	TNOC-12B	TWOC-12B	10	2	TIC-U1812B	18	1-20 UNEF	10	2	TYC-16-12-10B	TVC-16-12-10B	20 x 16 x 12	1
	TNC-M12B	TWC-M12B	TAC-M12B	16 x 1.5	25	10	TNSC-12B	10	2												TIC-U1616B	16, 16S	⅞-20 UNEF	10	2	TYC-16-12-12B	TVC-16-12-12B	20 x 16 x 16	1
20	TNC-M16B	TWC-M16B	TAC-M16B	20 x 1.5	25	10	TNSC-16B	10	2	FEC-16B	6	16	NFH-16B	33	10	5	TNOC-16B	TWOC-16B	10	2	TIC-U1816B	18	1-20 UNEF	10	2	TYC-16-16-16B	TVC-16-16-16B	20 x 20 x 20	1
	TNC-M126B			16 x 1.5	25	10															TIC-U2016B	20, 22	1⅜-18 UNEF	10	2	TYC-22-22-12B	TVC-22-22-22B	25 x 25 x 25	1
	TNC-M226B			25 x 1.5	25	10															TIC-U2816B	24, 28	1⅜-18 UNEF	10	2	TYC-28-22-22B	TVC-28-22-22B	32 x 25 x 25	1
25	TNC-M22B	TWC-M22B	TAC-M22B	25 x 1.5	25	10	TNSC-22B	10	2	FEC-22B	6	22	NFH-22B	42.2	10	5	TNOC-22B	TWOC-22B	10	2	TIC-U2222B	20, 22	1⅜-18 UNEF	10	2	TYC-28-28-22B	TVC-28-28-22B	32 x 32 x 25	1
32	TNC-M28B	TWC-M28B	TAC-M28B	32 x 1.5	25	10	TNSC-28B	10	2	FEC-28B	6	28	NFH-28B	49.8	10	5	TNOC-28B	TWOC-28B	10	2	TIC-U2822B	24, 28	1⅜-18 UNEF	10	2	TYC-28-28-28B	TVC-28-28-28B	32 x 32 x 32	1
40	TNC-M36B	TWC-M36B	TAC-M36B	40 x 1.5	25	10	TNSC-36B	10	2	FEC-36B	6	36	NFH-36B	59.5	10	5	TNOC-36B	TWOC-36B	10	2	TIC-U2828B	24, 28	1⅜-18 UNEF	10	2				
50	TNC-M48B	TWC-M48B	TAC-M48B	50 x 1.5	25	10	TNSC-48B	10	2	FEC-48B	6	48	NFH-48B	73.1	10	5	TNOC-48B	TWOC-48B	10	2	TIC-U3228B	32	1¾-18 UNEF	10	2				
63	TNC-G56B			G 2"	5	2							NFH-56B		2	TNOC-56B	TWOC-56B	10	2	TIC-U3622B	36	2-18 UNEF	10	2					
80	TNC-G70B			G 2½"	5	2							NFH-70B		2	TNOC-70B	TWOC-70B	10	2	TIC-U3628B	36	2-18 UNEF	10	2					
100	TNC-G95B			G 4"	5	2							NFH-95B		2	TNOC-95B	TWOC-95B	10	2	TIC-U3636B	36	2-18 UNEF	10	2					



TITAN[®]

Metallic liquidtight

MATERIAL: Galvanised steel core

CONSTRUCTION:
 270 Series: Steel core, PVC sheath
 271 Series: Steel core, PVC sheath

FLEXIBILITY: Medium flexibility

APPLICATION: Torsional equipment
 Rail & infrastructure
 Machine tools
 Conveyors
 Security

TEMPERATURE RATING & COLOUR:

BLACK	270 Series	-10°C – +60°C
GREY	271 Series	-10°C – +60°C

PROTECTION INDEX: IP67 with liquidtight fittings

UV RESISTANCE: Superior

FLAME RETARDED: UL 94 VO Self extinguishing

STANDARDS: AS 2053 Parts 1 & 8

GENERAL CHEMICAL RESISTANCE

Ammonia	Lubricating Oils, Greases,
Animal Fats & Oils	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
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
Linseed Oil	

*FITTING CHARACTERISTICS

920, 921, 923, 925, 926, 927, 930, 931

MATERIAL:
 920, 925, 930 Nickel plated brass
 921, 926, 931 Zinc plated steel
 923, 927 Stainless steel 304

APPLICATION: Liquidtight

TEMPERATURE RATING: -65°C – +205°C

PROTECTION INDEX: IP67

UV RESISTANCE: Superior

FLAME RETARDED: Metal

STANDARDS: Meets AS 2053 Parts 1 & 8
 CEI EN 50086-2-3

FITTINGS*

Straight



920—Nickel plated brass



921—Zinc plated steel



923—Stainless steel

90°



925—Nickel plated brass



926—Zinc plated steel



927—Stainless steel

45°

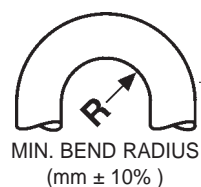


930—Nickel plated brass



931—Zinc plated steel

TRADE SIZE	PVC SHEATH		(mm)		(m)	920	921	923	925	926	927	930	931	THREAD	PACK QUANTITY	MINIMUM QUANTITY
	270	271	INTERNAL DIAMETER	EXTERNAL DIAMETER	COIL LENGTH	BRASS NP STRAIGHT	STEEL ZP STRAIGHT	STAINLESS STRAIGHT	BRASS NP 90° ANGLE	STEEL ZP 90° ANGLE	STAINLESS 90° ANGLE	BRASS NP 45° ANGLE	STEEL ZP 45° ANGLE			
12	270.012	271.012	10	16	10, 50	920.012	921.012	923.012	925.012	926.012	927.012	930.012	931.012	16 x 1.5	50	10
16	270.016	271.016	12	18	10, 30	920.016	921.016	923.016	925.016	926.016	927.016	930.016	931.016	16 x 1.5	50	10
						920.016/20	921.016/20	923.016/20	925.016/20	926.016/20	927.016/20	930.016/20	931.016/20	20 x 1.5	50	10
20	270.020	271.020	16	21	10, 30, 300	920.020	921.020	923.020	925.020	926.020	927.020	930.020	931.020	20 x 1.5	50	10
25	270.025	271.025	21	27	10, 30, 300	920.025	921.025	923.025	925.025	926.025	927.025	930.025	931.025	25 x 1.5	25	5
32	270.032	271.032	27	33	10, 30	920.032	921.032	923.032	925.032	926.032	927.032	930.032	931.032	32 x 1.5	10	5
40	270.040	271.040	35	42	5, 15	920.040	921.040	923.040	925.040	926.040	927.040	930.040	931.040	40 x 1.5	10	5
50	270.050	271.050	40	48	5, 15	920.050	921.050	923.050	925.050	926.050	927.050	930.050	931.050	50 x 1.5	10	5
63	270.063	271.063	51	60	5, 15	920.063	921.063	923.063	925.063	926.063	927.063	930.063	931.063	63 x 1.5	5	2



SIZE	12	16	20	25	32	40	50	63
(270) R	45	50	80	110	145	180	240	345
(271) R	45	50	80	110	145	180	240	345



RAMFLEX

Steel Flexible

PLAIN AND SHEATHED CONDUIT

MATERIAL: Galvanised steel core

CONSTRUCTION:

- 245 series— Steel flex no sheath
- 250 series— Steel flex PVC sheath
- 257 series— Steel flex PVC sheath, wire braid

FLEXIBILITY: Highly flexible

APPLICATION: Torsional equipment
Food applications
Packaging machinery
Computer wiring

TEMPERATURE RATING & COLOUR:

SELF	245 Series	-50°C – +300°C
BLACK	250 Series	-20°C – +70°C
BLUE STRIPE	257 Series	-20°C – +70°C

PROTECTION INDEX: IP54 with standard fittings
IP67 (250, 257 with liquidtight fittings)

UV RESISTANCE: 245:— Superior
250:— Good
257:— Superior

FLAME RETARDED: UL 94 VO Self extinguishing

STANDARDS: AS 2053 Parts 1 & 8
CE

GENERAL CHEMICAL RESISTANCE

- | | |
|-----------------------|----------------------------|
| Ammonia | Lubricating Oils, Greases, |
| Animal Fats & Oils | 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 |
| 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 |
| Linseed Oil | |

* FITTING CHARACTERISTICS

961, 962, 920, 925

MATERIAL: Nickel plated brass

APPLICATION: Torsional equipment
Packaging machinery
Metal working machinery

TEMPERATURE RATING: -50°C – +250°C

PROTECTION INDEX: IP54 (IP67 Liquidtight)

UV RESISTANCE: Superior

FLAME RETARDED: Metal

STANDARDS: Meets AS 2053 Parts 1 & 8
CEI EN 50086-2-3

FITTINGS*

Straight

NICKEL PLATED BRASS



Metric Fixed Male
961



Metric Swivel Male
962

Liquidtight

NICKEL PLATED BRASS



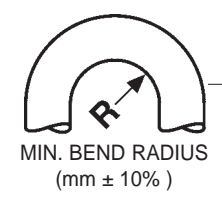
Metric Straight
920

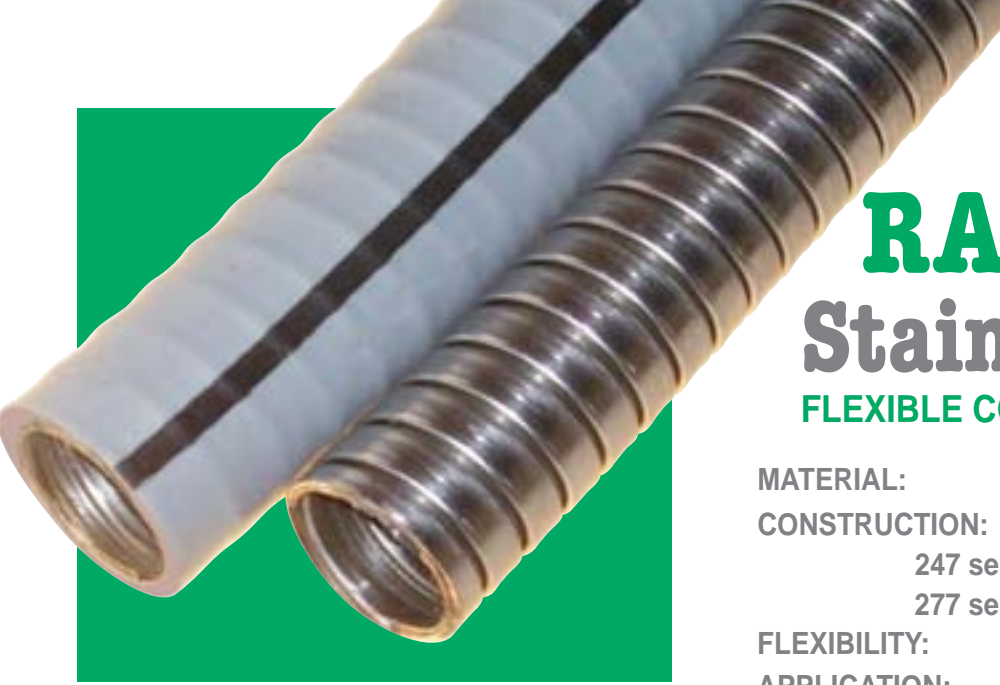


Metric 90° Angle
925

TRADE SIZE	245 (mm)		250 (mm)		257 (mm)		COIL LENGTH (m)	961		962		920		925		PACK QUANTITY	MINIMUM QUANTITY		
	NO SHEATH	INTERNAL & EXTERNAL DIAMETERS	PVC SHEATH	INTERNAL & EXTERNAL DIAMETERS	BLUE STRIPE	INTERNAL & EXTERNAL DIAMETERS		FIXED MALE THREAD	THREAD	SWIVEL MALE THREAD	THREAD	STRAIGHT MALE THREAD LIQUIDTIGHT	THREAD	90° ANGLE MALE THREAD LIQUIDTIGHT	THREAD				
10	245.010	7, 9	250.010	8, 10			10, 25, 50	961.010	12 x 1.5	962.010	12 x 1.5	50	10						
12	245.012	10, 13	250.012	10, 14	257.012	10, 16	10, 25, 50	961.012	16 x 1.5	962.012	16 x 1.5	50	10	920.012	16 x 1.5	925.012	16 x 1.5	50	10
16	245.016	13, 16	250.016	13, 17	257.016	12, 18	10, 25, 50	961.016	16 x 1.5	962.016	16 x 1.5	25	5	920.016	16 x 1.5	925.016	16 x 1.5	50	10
								961.016/20	20 x 1.5	962.016/20	16 x 1.5	25	5	920.016/20	20 x 1.5	925.016/20	20 x 1.5	50	10
20	245.020	17, 20.5	250.020	17, 21.5	257.020	15.5, 21	10, 25, 50	961.020	20 x 1.5	962.020	20 x 1.5	25	5	920.020	20 x 1.5	925.020	20 x 1.5	50	10
25	245.025	21, 25	250.025	21, 26	257.025	20.5, 26	10, 25, 50	961.025	25 x 1.5	962.025	25 x 1.5	10	2	920.025	25 x 1.5	925.025	25 x 1.5	25	5
32	245.032	28, 32	250.032	28, 34	257.032	26.5, 33	10, 25	961.032	32 x 1.5	962.032	32 x 1.5	10	2	920.032	32 x 1.5	925.032	32 x 1.5	10	5
40	245.040	37, 41.6	250.040	37, 43	257.040	34.5, 42	5, 25	961.040	40 x 1.5	962.040	40 x 1.5	10	2	920.040	40 x 1.5	925.040	40 x 1.5	10	5
50	245.050	45, 50	250.050	45, 51	257.050	39.5, 47	5, 25	961.050	50 x 1.5	962.050	50 x 1.5	5	2	920.050	50 x 1.5	925.050	50 x 1.5	10	5
63	245.063	52, 56.6	250.063	52, 58	257.063	50.5, 57	5, 25	961.063	63 x 1.5	962.063	63 x 1.5	5	2	920.063	63 x 1.5	925.063	63 x 1.5	5	2

SIZE	10	12	16	20	25	32	40	50	63
(245)	25	30	35	45	55	60	80	90	115
(250)	25	30	35	45	55	60	80	90	115
(257)	25	30	35	45	55	60	80	90	115





RAMFLEX

Stainless Steel

FLEXIBLE CONDUIT PLAIN AND SHEATHED

MATERIAL: 304 Stainless steel core

CONSTRUCTION:
 247 series— Steel flex no sheath
 277 series— Steel flex PVC sheath

FLEXIBILITY: Highly flexible

APPLICATION: Torsional equipment
 Food applications
 Packaging machinery
 Computer wiring

TEMPERATURE RATING & COLOUR:

SELF	247 Series	-50°C – +300°C
GREY	277 Series	-20°C – +70°C

PROTECTION INDEX: IP54 with standard fittings
 IP67 with liquidtight fittings

UV RESISTANCE: 247:— Superior
 277:— Good

FLAME RETARDED: UL 94 VO Self extinguishing

STANDARDS: AS 2053 Parts 1 & 8
 CE

GENERAL CHEMICAL RESISTANCE

- | | |
|-----------------------|----------------------------|
| Ammonia | Lubricating Oils, Greases, |
| Animal Fats & Oils | 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 |
| 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 |
| Linseed Oil | |

*FITTING CHARACTERISTICS

961, 962, 923, 927

MATERIAL: Nickel plated brass
 (923, 927 Stainless steel 304)

APPLICATION: Torsional equipment
 Packaging machinery
 Metal working machinery

TEMPERATURE RATING: -50°C – +250°C

PROTECTION INDEX: IP54 (IP67 Liquidtight)

UV RESISTANCE: Superior

FLAME RETARDED: Metal

STANDARDS: Meets AS 2053 Parts 1 & 8

FITTINGS*

Straight

NICKEL PLATED BRASS



Metric Fixed Male
961



Metric Swivel Male
962

Liquidtight

STAINLESS STEEL 304

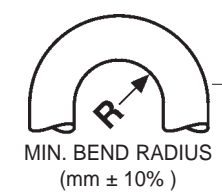


Metric Straight SS
923



Metric 90° Angle SS
927

TRADE SIZE	247		277		(mm)		(m)		961		962		923		927						
	NO SHEATH	INTERNAL DIAMETER	EXTERNAL DIAMETER	PVC SHEATH	INTERNAL DIAMETER	EXTERNAL DIAMETER	COIL LENGTH		FIXED MALE THREAD	THREAD	SWIVEL MALE THREAD	THREAD	PACK QUANTITY	MINIMUM QUANTITY	STRAIGHT MALE THREAD LIQUIDTIGHT	THREAD	90° ANGLE MALE THREAD LIQUIDTIGHT	THREAD	PACK QUANTITY	MINIMUM QUANTITY	
10	247.010	7	9						961.010	12 x 1.5	962.010	12 x 1.5	50	10							
12	247.012	10	13	277.012	10	14	10, 25, 50		961.012	16 x 1.5	962.012	16 x 1.5	50	10							
16	247.016	13	16	277.016	13	17	10, 25, 50		961.016	16 x 1.5	962.016	16 x 1.5	25	5	923.016	16 x 1.5	927.016	16 x 1.5	50	10	
									961.016/20	20 x 1.5	962.016/20	16 x 1.5	25	5	923.016/20	20 x 1.5	927.016/20	20 x 1.5	50	10	
20	247.020	17	20.5	277.020	17	21.5	10, 25, 50		961.020	20 x 1.5	962.020	20 x 1.5	25	5	923.020	20 x 1.5	927.020	20 x 1.5	50	10	
25	247.025	21	25	277.025	21	26	10, 25, 50		961.025	25 x 1.5	962.025	25 x 1.5	10	2	923.025	25 x 1.5	927.025	25 x 1.5	25	5	
32	247.032	28	32	277.032	28	34	10, 25		961.032	32 x 1.5	962.032	32 x 1.5	10	2	923.032	32 x 1.5	927.032	32 x 1.5	10	5	



SIZE	10	12	16	20	25	32
(247) R	25	30	35	45	55	60
(277) R		45	50	80	110	145

ACCESSORIES



Nickel plated brass & non-metallic thread reducers, enlargers and converters. Conduit ferrules.



Nickel plated brass & nylon locknuts. Steel & 304 Stainless saddles. Non-metallic clips & "P" Clips.

NICKEL PLATED BRASS ISO REDUCER				NICKEL PLATED BRASS ISO ENLARGER				NICKEL PLATED BRASS PG REDUCER				NICKEL PLATED BRASS PG ENLARGER				N/P BRASS PG-ISO CONVERTER			
MALE	FEMALE	CODE	PACK QTY	MALE	FEMALE	CODE	PACK QTY	MALE	FEMALE	CODE	PACK QTY	MALE	FEMALE	CODE	PACK QTY	PG MALE	ISO FEMALE	CODE	PACK QTY
20	16	836-011	10	16	20	836-010	10	9	7	853-010	10	9	11	853-011	10	9	16	890-009	10
25	20	836-013	10	20	25	836-012	10	11	7	853-013	10	9	13.5	853-012	10	9	20	890-010	10
32	25	836-015	10	25	32	836-014	10	11	9	853-014	10	11	13.5	853-015	10	11	16	890-011	10
40	32	836-017	10					13.5	9	853-017	10	11	16	853-016	10	11	20	890-012	10
50	40	836-019	2					13.5	11	853-018	10	16	21	853-021	10	16	16	890-019	10
63	50	836-021	2					16	13.5	853-020	10					16	20	890-020	10
								21	13.5	853-022	10					21	20	890-021	10
								21	16	853-023	10					21	25	890-022	10
								29	21	853-025	10					21	32	890-023	10
								36	29	853-027	10					29	32	890-024	10
								42	36	853-029	10								
								48	42	853-031	10								

METRIC LOCKNUTS METAL			METRIC LOCKNUTS NYLON			PG LOCKNUTS METAL			PG LOCKNUTS NYLON		
THREAD	CODE	PACK QTY	THREAD	CODE	PACK QTY	THREAD	CODE	PACK QTY	THREAD	CODE	PACK QTY
			12	965-012	100	7	855-010	10	7	386661	100
16	964-016	10	16	965-016	100	9	855-011	10	9	386662	100
20	964-020	50	20	965-020	100	11	855-012	10	11	386663	100
25	964-025	50	25	965-025	50	13.5	855-013	10	13.5	386664	100
32	964-032	25	32	965-032	50	16	855-014	10	16	386665	100
40	964-040	10	40	965-040	10	21	855-015	10	21	386666	50
50	964-050	10	50	965-050	10	29	855-016	10	29	386667	50
63	964-063	10				36	855-017	10	36	386668	10
						42	855-018	10	42	386669	10
						48	855-019	10	48	386670	10

NON-METALLIC CONVERTERS PG-PG								NON-METALLIC CONVERTERS ISO-PG				NON-METALLIC CONVERTERS ISO-ISO				NON-METALLIC CONVERTERS ISO-NPT				FERRULES Liquidtight		
MALE	FEMALE	CODE	PACK QTY	ISO MALE	PG FEMALE	CODE	PACK QTY	MALE	FEMALE	CODE	PACK QTY	ISO MALE	NPT FEMALE	CODE	PACK QTY	CONDUIT	CODE	PACK QTY				
9	7	709	25	16	7	716	25	20	16	2016	25	20	1/2"	1220	10	12	LT-1/4F	25				
11	7	711	25	20	7	720	25					25	3/4"	3425	10	16	LT-0F	25				
16	11	1611	25	20	11	2011	25					32	1"	1032	10	20	LT-1F	25				
																25	LT-2F	25				
																32	LT-3F	25				
																40	LT-4F	25				
																50	LT-5F	25				
																63	LT-6F	25				

CLK SADDLES - STAND OFF STEEL					CLK SADDLES - STAND OFF 304 STAINLESS					BLACK CLIP NON METALLIC			"P" CLIPS NYLON		
CONDUIT	CODE	PACK QTY	CONDUIT	CODE	PACK QTY	CONDUIT	CODE	PACK QTY	SIZE (mm)	CODE	PACK QTY				
16	CLK-16	50	16	CLK-16X	50	16	855-010	10	10	980-006	100				
20	CLK-20	50	20	CLK-20X	50	20	855-011	10	12	980-008	100				
25	CLK-25	40	25	CLK-25X	40	25	855-012	10	14	980-010	100				
32	CLK-32	30	32	CLK-32X	30	32	855-013	10	16	980-012	100				
40	CLK-40	20	40	CLK-40X	20				20	980-016	100				
50	CLK-50	20	50	CLK-50X	20				25	980-022	100				
									32	980-028	100				
									40	980-035	100				



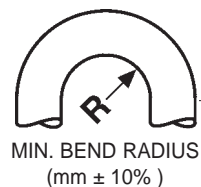
MICRO Stainless Flexible

MATERIAL: Stainless steel
CONSTRUCTION: Squarelok helical coiled
FLEXIBILITY: Very flexible
TEMPERATURE RATING & COLOUR:
 SELF **Micro** -50°C – +300°C
PROTECTION INDEX: IP54
UV RESISTANCE: Superior
STANDARDS: AS 2053 Parts 1 & 5 CE

APPLICATION:

Small bore instrumentation tubing.
 Offshore and Chemical plants, optical fibre and sensors wiring.
 Instrumentation tubing is used by manufacturers of various industries, such as Process & Control Instrumentation, Measuring & Controlling Devices, Analytical Instruments, Medical Instruments and many others with specific applications including temperature measuring, wiring conduit or armour cable and protective casing.

TRADE SIZE	MICRO CODE	(mm)		(m)	
		INTERNAL D/AMETER	EXTERNAL D/AMETER	COIL LENGTH	
3.5	AT-SL-002	3.5	5.1	100	25
4	AT-SL-0025	4.0	6.0	100	25
5	AT-SL-003	4.8	6.8	100	25
5.5	AT-SL-0035	5.6	7.7	100	25
6	AT-SL-004	6.4	8.4	100	25
7	AT-SL-0045	7.2	9.5	100	25
8	AT-SL-005	8.0	10.9	50	10
9.5	AT-SL-006	9.5	12.7	50	10
12.7	AT-SL-008	12.7	15.9	50	10



SIZE	3.5	4	4.5	5	5.5	6	7	8	10
R	13.5	15.2	23.0	25.7	33.0	54.0	59.0	88.0	90.0

Technical Information

Thread Data

METRIC			PG			NPT		
SIZE	OUTSIDE DIAM.	PITCH	SIZE	OUTSIDE DIAM.	PITCH	SIZE	OUTSIDE DIAM.	PITCH
12	12.0	1.5	7	12.5	1.27	¾"	16.7	1.41
16	16.0	1.5	9	15.2	1.41	½"	21.0	1.81
20	20.0	1.5	11	18.6	1.41	¾"	26.4	1.81
25	25.0	1.5	13.5	20.4	1.41	1"	33.3	2.21
32	32.0	1.5	16	22.5	1.41	1¼"	41.9	2.21
40	40.0	1.5	21	28.3	1.59	1½"	47.8	2.21
50	50.0	1.5	29	37.0	1.59	2"	59.6	2.21
63	63.0	1.5	36	47.0	1.59			
75	75.0	1.5	42	54.0	1.59			
			48	59.3	1.59			

Metric threads are standard terminating threads. They conform to IEC423 and BS6053.

PG threads conform to the German DIN40430.

NPT threads are American tapered threads. The taper is designed to seal on the thread itself and not on the face of the fitting. Outside diameter shown is maximum.

IP Rating

PROTECTION AGAINST SOLIDS		PROTECTION AGAINST LIQUIDS	
1st DIGIT	RATING	2nd DIGIT	RATING
0	No protection	0	No protection
1	Protection against solid bodies larger than 50mm	1	Protection against vertically falling drops of water (condensation)
2	Protection against solid bodies larger than 12mm	2	Protection against drops of water falling at up to 15 degrees from the vertical
3	Protection against solid bodies larger than 2.5mm	3	Protection against drops of water at up to 60 degrees from the vertical
4	Protection against solid bodies larger than 1mm	4	Protection against splashing of water from all directions
5	Protection against dust (no harmful deposits)	5	Protection against jets of water from all directions
6	Complete protection against dust	6	Protection against jets of water of similar force to heavy seas
		7	Protection against ingress of water to a depth of 1 metre
		8	No ingress when submerged at specified depth exceeding 1m for an unspecified time

Chemical Resistance*

CHEMICAL AGENT	MATERIAL			
	PVC	PA 6	PA 6.6	PA 12
Acetaldehyde	NR	NR	R	R
Acetic acid	R	R	R	LR
Acetone	NR	R	R	R
Acetylene	NR	R	NR	NR
Alcohol	NR	R	R	LR
Ammonia	NR	R	R	R
Beer	R	R	R	R
Benzene	NR	R	NR	R
Boric acid	R	R	R	NR
Calcium chloride	R	NR	R	R
Chlorobenzene	NR	R	NR	R
Chloroform	NR	R	NR	R
Citric acid	R	R	NR	R
Copper salts	R	R	R	R
Diesel oil	NR	R	R	NR
Distilled water	R	R	R	R
Formaldehyde	R	R	R	LR
Formic acid	NR	NR	NR	NR
Fruit juices	R	R	R	R
Gelatine	NR	R	R	NR
Glycerine	R	R	R	R
Lactic acid	NR	R	NR	LR
Lubricating oils	NR	R	R	LR
Mercury	R	R	R	R

CHEMICAL AGENT	MATERIAL			
	PVC	PA 6	PA 6.6	PA 12
Methanol	R	NR	R	LR
Methylene chloride	NR	R	NR	R
Milk	R	R	R	R
Mineral oils	R	R	R	LR
Molasses	R	R	R	NR
Naphtha	NR	R	R	NR
Paraffin	NR	R	R	R
Petrol	R	R	R	R
Sea water	R	R	R	NR
Sodium hydroxide	R	R	R	R
Soft water	R	R	R	R
Synthetic detergents	R	R	R	R
Turpentine	NR	NR	NR	NR
Urea	R	R	R	R
Vegetable oils	R	R	R	R
Vinegar	R	R	R	R

LEGEND: R = Resistant
 LR = Low Resistance
 NR = No Resistance

*This list gives an indication of the resistance to some common chemicals of the materials used in manufacturing Ramflex conduits. However, no list can ever be completely comprehensive. For further information please contact us. See details overleaf.



For further information and Price List contact:

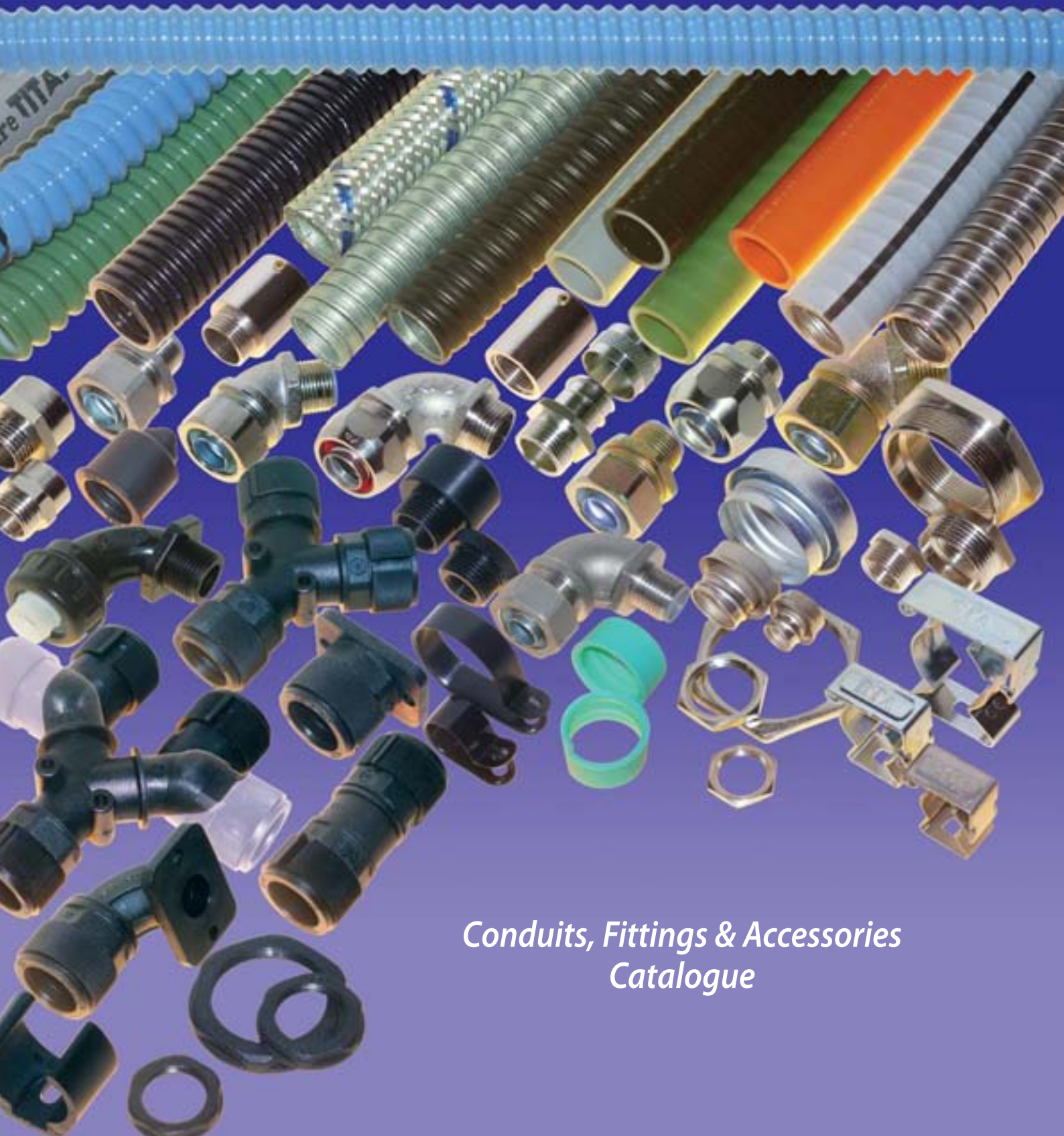
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*Conduits, Fittings & Accessories
Catalogue*