

RAMTIGHT

CONDUIT & FITTINGS

IDEAL FOR USE WHEREVER HEAVY DUTY MECHANICAL PROTECTION IS REQUIRED

aps

FLEXIBLE STEEL CONDUIT

Ramtight flexible steel conduit has been designed and manufactured to the highest standard ISO 9001:2008 and complies with AS/NZS 2053.8. This ensures you are getting a high quality product which is suitable for use in all arduous areas including industrial and hazardous areas.

Ramtight Flexible conduit is manufactured from a galvanised steel core with a nylon sealing core fitted between the spiral cores and is covered with a flexible flame retardant PVC jacket. Ramtight is also resistant to sun light and oil and has an IP66 rating when fitted with Ramtight nickel plated brass or steel fittings.

Ramtight's construction allows it to be very flexible and gives it the ability to both absorb vibration and continuous movement making it ideal to use on conveyors and automatic machinery or wherever heavy duty mechanical protection is required.



- | Standards: AS/NZS 2053.8
- | Galvanised steel core
- | Nylon sealing core fitted between the spiral cores
- | Flexible flame retardant PVC jacket
- | Oil resistant
- | IP66
- | Temperature range -10° to +105°C

PART NUMBER	DESCRIPTION	I.D.	O.D.	MIN BENDING RADIUS	PACK QTY
RT-1625-B	16mm Black Conduit	12.00mm	18.00mm	50mm	25M
RT-2025-B	20mm Black Conduit	16.00mm	21.30mm	65mm	25M
RT-2525-B	25mm Black Conduit	21.00mm	26.70mm	75mm	25M
RT-3225-B	32mm Black Conduit	26.50mm	33.40mm	100mm	25M
RT-4010-B	40mm Black Conduit	35.00mm	42.20mm	120mm	10M
RT-5010-B	50mm Black Conduit	40.50mm	48.72mm	140mm	10M
RT-6310-B	63mm Black Conduit	51.00mm	61.30mm	180mm	10M

Long Runs

PART NUMBER	DESCRIPTION	I.D.	O.D.	MIN BENDING RADIUS	PACK QTY
RT-20150-B	20mm Black Conduit	16.00mm	21.30mm	65mm	150M
RT-25150-B	25mm Black Conduit	21.00mm	26.70mm	75mm	150M
RT-32120-B	32mm Black Conduit	26.50mm	33.40mm	100mm	120M

NICKEL PLATED FITTINGS



- | Standards: Extra III C P66
- | Nickel Plated Brass and Metal Fittings
- | Metric Threads
- | IP66

Also available:

- | PG, BSP & NPT Fittings

Straight Nickel Plated Brass Fittings



PART NUMBER	DESCRIPTION	THREAD SIZE	PACK QTY
RTF-16	16mm Straight Conduit Fitting	16mm	25
RTF-16/20	16mm Straight Conduit Fitting	20mm	25
RTF-20	20mm Straight Conduit Fitting	20mm	25
RTF-25	25mm Straight Conduit Fitting	25mm	25
RTF-32	32mm Straight Conduit Fitting	32mm	10
RTF-40	40mm Straight Conduit Fitting	40mm	5
RTF-50	50mm Straight Conduit Fitting	50mm	2
RTF-63	63mm Straight Conduit Fitting	63mm	1

45° Brass Fittings



RTF-1645	16mm 45° Fitting	16mm	25
RTF-2045	20mm 45° Fitting	20mm	25
RTF-2545	25mm 45° Fitting	25mm	25
RTF-3245	32mm 45° Fitting	32mm	10
RTF-4045	40mm 45° Fitting	40mm	5
RTF-5045	50mm 45° Fitting	50mm	2
RTF-6345	63mm 45° Fitting	63mm	1

90° Brass Fittings



RTF-1690	16mm 90° Fitting	20mm	25
RTF-2090	20mm 90° Fitting	20mm	25
RTF-2590	25mm 90° Fitting	25mm	25
RTF-3290	32mm 90° Fitting	32mm	10
RTF-4090	40mm 90° Fitting	40mm	5
RTF-5090	50mm 90° Fitting	50mm	2
RTF-6390	63mm 90° Fitting	63mm	1

In-Line Joiners



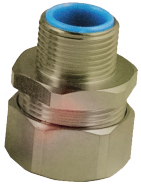
RTJ-16	Joiner to suit conduit - 16mm	5
RTJ-20	Joiner to suit conduit - 20mm	5
RTJ-25	Joiner to suit conduit - 25mm	5
RTJ-32	Joiner to suit conduit - 32mm	5
RTJ-40	Joiner to suit conduit - 40mm	2
RTJ-50	Joiner to suit conduit - 50mm	2
RTJ-63	Joiner to suit conduit - 63mm	2

METAL FITTINGS



- | Standards: Extra IIC P66
- | Metal Fittings
- | Metric Threads
- | IP66

Straight Metal Fittings



PART NUMBER	DESCRIPTION	THREAD SIZE	PACK QTY
RTFM-16	16mm Straight Fitting	16mm	25
RTFM-16/20	16mm Straight Fitting	20mm	25
RTFM-20	20mm Straight Fitting	20mm	25
RTFM-25	25mm Straight Fitting	25mm	25
RTFM-32	32mm Straight Fitting	32mm	10
RTFM-40	40mm Straight Fitting	40mm	5
RTFM-50	50mm Straight Fitting	50mm	2
RTFM-63	63mm Straight Fitting	63mm	1

45° Metal Fittings



RTFM-1645	16mm 45° Fitting	16mm	25
RTFM-16/2045	16mm 45° Fitting	20mm	25
RTFM-2045	20mm 45° Fitting	20mm	25
RTFM-2545	25mm 45° Fitting	25mm	25
RTFM-3245	32mm 45° Fitting	32mm	10
RTFM-4045	40mm 45° Fitting	40mm	5
RTFM-5045	50mm 45° Fitting	50mm	2
RTFM-6345	63mm 45° Fitting	63mm	1

90° Metal Fittings



RTFM-1690	16mm 90° Fitting	16mm	25
RTFM-16/2090	16mm 90° Fitting	20mm	25
RTFM-2090	20mm 90° Fitting	20mm	25
RTFM-2590	25mm 90° Fitting	25mm	10
RTFM-3290	32mm 90° Fitting	32mm	5
RTFM-4090	40mm 90° Fitting	40mm	4
RTFM-5090	50mm 90° Fitting	50mm	2
RTFM-6390	63mm 90° Fitting	63mm	2

ACCESSORIES

Ferrules



PART NUMBER	DESCRIPTION	THREAD SIZE	PACK QTY
LT-0F	16mm Conduit Ferrule		100
LT-1F	20mm Conduit Ferrule		100
LT-2F	25mm Conduit Ferrule		50
LT-3F	32mm Conduit Ferrule		50
LT-4F	40mm Conduit Ferrule		20
LT-5F	50mm Conduit Ferrule		5
LT-6F	63mm Conduit Ferrule		5

Locknuts



LNB-16N	16mm Nickel Plated Locknut		100
LNB-20N	20mm Nickel Plated Locknut		100
LNB-25N	25mm Nickel Plated Locknut		100
LNB-32N	32mm Nickel Plated Locknut		50
LNB-40N	40mm Nickel Plated Locknut		50
LNB-50N	50mm Nickel Plated Locknut		25
LNB-63N	63mm Nickel Plated Locknut		20

Flame Proof Exd Fittings



FLC-20	20mm Barrier Fitting	20mm	As Required
FLC-25	25mm Barrier Fitting	25mm	As Required
FLC-075	¾" BSP Female Barrier Fitting	¾" BSP	As Required
FLC-100	1" BSP Female Barrier Fitting	1" BSP	As Required

Standards: ANZEx 09-3018 Exd IIB DIP IP65

SEALSAFE FLEXIBLE PVC CONDUIT & FITTINGS



- | Standards: AS/NZ 2053.8 ANZEx 09-3018 Exd IIB DIP IP65
- | FC Fibre braided conduit
- | A synthetic reinforcing braid woven over a flexible PVC inner core with an Orange flame retardant PVC jacket.

Flexible Conduit

PART NUMBER	DESCRIPTION	THREAD SIZE	PACK QTY
FC-16	16mm Orange Conduit		30M
FC-19	20mm Orange Conduit		30M

Exd Conduit Fittings



FHC-2003	20mm Male Barrier Fitting	20mm	1
FHC-2503	25mm Male Barrier Fitting	25mm	1

Standards: ANZEx 09-3018 Exd IIB DIP IP65



FHC-075	3/4" BSP Female Fitting	3/4" BSP	1
FHC-100	1" BSP Female Fitting	1" BSP	1

Standards: ANZEx 09-3018 Exd IIB DIP IP65

Zone 21 (DIP) Conduit Fittings



FHC-2002	20mm Male Fitting	20mm	1
FHC-2502	25mm Male Fitting	25mm	1

PLIABLE STAINLESS STEEL CONDUIT & FITTINGS



- | Standards: IEC 61386-1: 2008 IEC 61386-22: 2002
- | 304 Stainless Steel core
- | Flame retardant due to no PVC jacket
- | UV resistant
- | IP 66/68
- | Temperature range -60°C to +200°C using silicon "O" rings
- | Sizes 16mm - 63mm

Pliable Stainless Steel Conduit



PART NUMBER	DESCRIPTION	THREAD SIZE	PACK QTY
RTS-16	16mm Straight Conduit	16mm	20M
RTS-20	20mm Straight Conduit	20mm	20M
RTS-25	25mm Straight Conduit	25mm	20M
RTS-32	32mm Straight Conduit	32mm	10M
RTS-40	40mm Straight Conduit	40mm	10M
RTS-50	50mm Straight Conduit	50mm	10M
RTS-63	63mm Straight Conduit	63mm	10M

Straight Nickel Plated Brass Fittings



RTSF-16B	16mm Straight Conduit Fitting	16mm	36
RTSF-20B	20mm Straight Conduit Fitting	20mm	20
RTSF-25B	25mm Straight Conduit Fitting	25mm	15
RTSF-32B	32mm Straight Conduit Fitting	32mm	15
RTSF-40B	40mm Straight Conduit Fitting	40mm	9
RTSF-50B	50mm Straight Conduit Fitting	50mm	2
RTSF-63B	63mm Straight Conduit Fitting	63mm	2

Straight Stainless Steel Fittings



Stainless fitting available on request only (304 only)

- | Not all sizes available
- | MOQ's apply

NYLON CONDUIT

PA6 Polyamide Nylon Conduit



- | Material: Polyamide 6
- | Temp Rating: -40°C to +115°C (Intermittent to +150°C)
- | IP68
- | Flame Retardant: HB UL 94 Self Extinguishing (FMVSS)
- | Halogen free, free of phosphor and cadmium
- | UV Resistant
- | Colours: black and grey



PART NUMBER	DESCRIPTION	I.D.	O.D.	MIN BENDING RADIUS	PACK QTY
RTN-1250-B	Ramtight 12mm PA6 Polyamide Conduit	10.00mm	13.00mm	15mm	50M
RTN-1650-B	Ramtight 16mm PA6 Polyamide Conduit	12.00mm	15.80mm	22mm	50M
RTN-2050-B	Ramtight 20mm PA6 Polyamide Conduit	16.50mm	21.20mm	35mm	50M
RTN-2550-B	Ramtight 25mm PA6 Polyamide Conduit	23.00mm	28.50mm	45mm	50M
RTN-3250-B	Ramtight 32mm PA6 Polyamide Conduit	29.00mm	34.50mm	50mm	50M
RTN-4025-B	Ramtight 40mm PA6 Polyamide Conduit	36.00mm	42.50mm	80mm	25M
RTN-5025-B	Ramtight 50mm PA6 Polyamide Conduit	48.00mm	54.50mm	100mm	25M

PA6 Polyamide Extra Low Fire Hazard Nylon Conduit (VO UL 94)

- | Material: Polyamide 6
- | UL VO Temp Rating
- | Temp Rating: -40°C to +115°C (Intermittent to +150°C)
- | IP68
- | Flame Retardant: VO Self Extinguishing (FMVSS 302)
- | Halogen free, free of phosphor and cadmium
- | UV Resistant
- | Colours: black and grey



RTNVO-1250-B	Ramtight 12mm PA6 VO Polyamide Conduit	10.00mm	13.00mm	15mm	50M
RTNVO-1650-B	Ramtight 16mm PA6 VO Polyamide Conduit	12.00mm	15.80mm	22mm	50M
RTNVO-2050-B	Ramtight 20mm PA6 VO Polyamide Conduit	16.50mm	21.20mm	35mm	50M
RTNVO-2550-B	Ramtight 25mm PA6 VO Polyamide Conduit	23.00mm	28.50mm	45mm	50M
RTNVO-3250-B	Ramtight 32mm PA6 VO Polyamide Conduit	29.00mm	34.50mm	50mm	50M
RTNVO-4025-B	Ramtight 40mm PA6 VO Polyamide Conduit	36.00mm	42.50mm	80mm	25M
RTNVO-5025-B	Ramtight 50mm PA6 VO Polyamide Conduit	48.00mm	54.50mm	100mm	25M

PA6 Polyamide Low Fire Hazard Nylon Conduit (V2 UL 94)

- | Material: Polyamide 6
- | UL V2 Temp Rating
- | Temp Rating: -40°C to +115°C (Intermittent to +150°C)
- | IP68
- | Flame Retardant: Self Extinguishing (EN 50086-1)
- | Halogen free, free of phosphor and cadmium
- | UV Resistant
- | Colours: black and grey



RTNV2-12-B	Ramtight 12mm PA6 V2 Polyamide Conduit	10.00mm	13.00mm	15mm	50M
RTNV2-16-B	Ramtight 16mm PA6 V2 Polyamide Conduit	12.00mm	15.80mm	22mm	50M
RTNV2-20-B	Ramtight 20mm PA6 V2 Polyamide Conduit	16.50mm	21.20mm	35mm	50M
RTNV2-25-B	Ramtight 25mm PA6 V2 Polyamide Conduit	23.00mm	28.50mm	45mm	50M
RTNV2-32-B	Ramtight 32mm PA6 V2 Polyamide Conduit	29.00mm	34.50mm	50mm	50M
RTNV2-40-B	Ramtight 40mm PA6 V2 Polyamide Conduit	36.00mm	42.50mm	80mm	25M
RTNV2-50-B	Ramtight 50mm PA6 V2 Polyamide Conduit	48.00mm	54.50mm	100mm	25M

NYLON FITTINGS



- | Material: Polyamide 66
- | Temp Rating: -40°C to +115°C (Intermittent to +150°C),
- | IP66, IP68 with flat sealing ring
- | Halogen free, free of phosphor and cadmium
- | Flame Retardant: Self Extinguishing (EN 50086-1)
- | UV Resistant
- | Complete with Locknut
- | Colours: black and grey

Straight Nylon Metric Fitting



PART NUMBER	DESCRIPTION	THREAD SIZE	PACK QTY
RTFN-10B	10mm Ramtight Straight Nylon Fitting	10mm	25
RTFN-12B	12mm Ramtight Straight Nylon Fitting	12mm	25
RTFN-16B	16mm Ramtight Straight Nylon Fitting	16mm	25
RTFN-20B	20mm Ramtight Straight Nylon Fitting	20mm	25
RTFN-25B	25mm Ramtight Straight Nylon Fitting	25mm	10
RTFN-32B	32mm Ramtight Straight Nylon Fitting	32mm	5
RTFN-40B	40mm Ramtight Straight Nylon Fitting	40mm	5
RTFN-50B	50mm Ramtight Straight Nylon Fitting	50mm	5

90° Nylon Metric Fitting



RTFN-1090B	10mm Ramtight 90° Nylon Fitting	10mm	25
RTFN-1290B	12mm Ramtight 90° Nylon Fitting	12mm	25
RTFN-1690B	16mm Ramtight 90° Nylon Fitting	16mm	25
RTFN-2090B	20mm Ramtight 90° Nylon Fitting	20mm	25
RTFN-2590B	25mm Ramtight 90° Nylon Fitting	25mm	10
RTFN-3290B	32mm Ramtight 90° Nylon Fitting	32mm	5
RTFN-4090B	40mm Ramtight 90° Nylon Fitting	40mm	5
RTFN-5090B	50mm Ramtight 90° Nylon Fitting	50mm	5

45° Nylon Metric Fitting



RTFN-2045B	20MM Ramtight 45° Nylon Fitting	20MM	25
RTFN-2545B	25MM Ramtight 45° Nylon Fitting	25MM	10
RTFN-3245B	32MM Ramtight 45° Nylon Fitting	32MM	5
RTFN-4045B	40MM Ramtight 45° Nylon Fitting	40MM	5
RTFN-5045B	50MM Ramtight 45° Nylon Fitting	50MM	5

Straight Nylon PG Fitting



PART NUMBER	DESCRIPTION	THREAD SIZE	CONDUIT SIZE	PACK QTY
RTFN-PG7	PG7 Ramtight Straight Nylon Fitting	PG7	10mm	25
RTFN-PG9	PG9 Ramtight Straight Nylon Fitting	PG9	12mm	25
RTFN-PG11	PG11 Ramtight Straight Nylon Fitting	PG11	16mm	25
RTFN-PG16	PG16 Ramtight Straight Nylon Fitting	PG16	20mm	25
RTFN-PG21	PG21 Ramtight Straight Nylon Fitting	PG21	25mm	10
RTFN-PG29	PG29 Ramtight Straight Nylon Fitting	PG29	32mm	5
RTFN-PG36	PG36 Ramtight Straight Nylon Fitting	PG36	40mm	5
RTFN-PG48	PG48 Ramtight Straight Nylon Fitting	PG48	50mm	5

90° Nylon PG Fitting



RTFN-PG790	PG7 Ramtight 90 Degree Nylon Fitting	PG7	10mm	25
RTFN-PG990	PG9 Ramtight 90 Degree Nylon Fitting	PG9	12mm	25
RTFN-PG1190	PG11 Ramtight 90 Degree Nylon Fitting	PG11	16mm	25
RTFN-PG1690	PG16 Ramtight 90 Degree Nylon Fitting	PG16	20mm	25
RTFN-PG2190	PG21 Ramtight 90 Degree Nylon Fitting	PG21	25mm	10
RTFN-PG2990	PG29 Ramtight 90 Degree Nylon Fitting	PG29	32mm	5
RTFN-PG3690	PG36 Ramtight 90 Degree Nylon Fitting	PG36	40mm	5
RTFN-PG4890	PG48 Ramtight 90 Degree Nylon Fitting	PG48	50mm	5

45° Nylon PG Fitting



RTFN-PG1645	PG16 Ramtight 90 Degree Nylon Fitting	PG16	20mm	25
RTFN-PG2145	PG21 Ramtight 90 Degree Nylon Fitting	PG21	25mm	10
RTFN-PG2945	PG29 Ramtight 90 Degree Nylon Fitting	PG29	32mm	5
RTFN-PG3645	PG36 Ramtight 90 Degree Nylon Fitting	PG36	40mm	5
RTFN-PG4845	PG48 Ramtight 90 Degree Nylon Fitting	PG48	50mm	5

Couplings



RTCN-10	10mm Coupling	25
RTCN-12	12mm Coupling	25
RTCN-16	16mm Coupling	25
RTCN-20	20mm Coupling	25
RTCN-25	25mm Coupling	10
RTCN-32	32mm Coupling	5
RTCN-40	40mm Coupling	5
RTCN-50	50mm Coupling	5

Nylon Fittings

T-Fitting



PART NUMBER	DESCRIPTION	PACK QTY
RTTN-20	20mm T-Fitting	10
RTTN-25	25mm T-Fitting	5
RTTN-32	32mm T-Fitting	5

Y-Fitting



RTYN-12	12mm Y - Fitting	10
RTYN-16	16mm Y - Fitting	10
RTYN-20	20mm Y - Fitting	10
RTYN-25	25mm Y - Fitting	10

P Clamps



RTPN-10	10mm P Clamp	M4	25
RTPN-12	12mm P Clamp	M4	25
RTPN-16	16mm P Clamp	M4	25
RTPN-20	20mm P Clamp	M4	25
RTPN-25	25mm P Clamp	M5	10
RTPN-32	32mm P Clamp	M5	5
RTPN-40	40mm P Clamp	M6	5
RTPN-50	50mm P Clamp	M6	5

Mounting Brackets



RTMN-10B	10mm Mounting Bracket	4.2mm	25
RTMN-12B	12mm Mounting Bracket	4.2mm	25
RTMN-16B	16mm Mounting Bracket	4.2mm	25
RTMN-20B	20mm Mounting Bracket	4.2mm	25
RTMN-25B	25mm Mounting Bracket	4.2mm	10
RTMN-32B	32mm Mounting Bracket	4.2mm	5
RTMN-40B	40mm Mounting Bracket	4.2mm	5
RTMN-50B	50mm Mounting Bracket	4.2mm	5

Metric Nylon Locknuts



RTLN-10B	10mm Nylon LockNut	10mm	25
RTLN-12B	12mm Nylon LockNut	12mm	25
RTLN-16B	16mm Nylon LockNut	16mm	25
RTLN-20B	20mm Nylon LockNut	20mm	25
RTLN-25B	25mm Nylon LockNut	25mm	10
RTLN-32B	32mm Nylon LockNut	32mm	5
RTLN-40B	40mm Nylon LockNut	40mm	5
RTLN-50B	50mm Nylon LockNut	50mm	5

NYLON FITTINGS

P.G. Nylon Locknuts



PART NUMBER	DESCRIPTION	THREAD SIZE	PACK QTY
RTLN-PG7B	PG7 Nylon LockNut	PG7	25
RTLN-PG9B	PG9 Nylon LockNut	PG9	25
RTLN-PG11B	PG11 Nylon LockNut	PG11	25
RTLN-PG16B	PG16 Nylon LockNut	PG16	25
RTLN-PG21B	PG21 Nylon LockNut	PG21	10
RTLN-PG29B	PG29 Nylon LockNut	PG29	5
RTLN-PG36B	PG36 Nylon LockNut	PG36	5
RTLN-PG48B	PG48 Nylon LockNut	PG48	5

End Sleeves



RTES-12	12mm End Sleeve	12mm	As Required
RTES-16	16mm End Sleeve	16mm	As Required
RTES-20	20mm End Sleeve	20mm	As Required
RTES-25	25mm End Sleeve	25mm	As Required
RTES-32	32mm End Sleeve	32mm	As Required
RTES-40	40mm End Sleeve	40mm	As Required
RTES-50	50mm End Sleeve	50mm	As Required



OUR LOCATIONS

National footprint with strategic local stockholdings.

APS Industrial is headquartered in Melbourne and in addition has a national network of offices in Adelaide, Perth, Sydney, Brisbane and Tasmania supported by strategic local stockholdings and expert technical and application knowledge.

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