

PREMIUM CABLE MANAGEMENT SOLUTIONS



Conduit and Fitting Product Range

Products



Quick Reference Guide

RHINO METALLIC RANGE

Series	Product	Core / Sheath	Colour
270	Liquidtight	Galvanised / PVC	Black
271	Liquidtight	Galvanised / PVC	Grey
278	Liquidtight	Galvanised / PVC	Orange
300	Liquidtight	Galvanised / Rubber	Black

RHINO NON METALLIC RANGE

Series	Product	Core / Sheath	Colour
171	Liquidtight	PVC	Grey
172	Liquidtight	SYNTHETIC RUBBER	Green
178	Liquidtight	PVC	Orange
180	Liquidtight	PVC	Black



SUPAFLEX METALLIC RANGE

Series	Product	Core / Sheath	Colour
245	Steel Flexible	Galvanised	
247	Stainless Steel	304 SS	
250	Steel Flexible	Galvanised / PVC	Black
257	Steel Flexible	Galvanised / Braided	
277	Stainless Steel	304 SS / PVC	Black



ULTRAFLEX NON METALLIC RANGE

Series	Product	Core / Sheath	Colour
PAH	POLYAMIDE 6	Corrugated	Black
CPSS	POLYAMIDE 6	Corrugated Split	Black
150	PVC	Spiral Smoothbore	Black

171 Series

Non Metallic Liquidtight PVC Heavy Duty

171 Series flexible Spiral Reinforced Grey PVC Conduit with smooth bore and smooth exterior is the industry choice for many installations. Suitable for earth moving, lighting sewerage and food & beverage applications.



Conduit						Fittings							
Code	Trade Size	ID	OD	Coil Length	Bend Radius	Straight Metric		Straight NPT		90° Metric		90° NPT	
	(mm)	(mm)	(mm)	(m)	(mm)	943	Thread	949	Thread	947	Thread	978	Thread
171-012	16	12.55	17.65	30	50	943-012	20	949-012	1/2"	947-012	20	978-012	1/2"
171-016	20	16.05	21.97	30	70	943-016	20	949-016	1/2"	947-016	20	978-016	1/2"
171-021	25	21.08	26.29	30	90	943-021	25	949-021	3/4"	947-021	25	978-021	3/4"
171-026	32	26.82	32.94	30	140	943-026	32	949-026	1"	947-026	32	978-026	1"
171-035	40	35.56	41.65	30	190	943-035	40	949-035	1 1/4"	947-035	40	978-035	1 1/4"
171-040	50	40.38	47.67	30	240	-	-	949-040	1 1/2"	-	-	978-040	1 1/2"
171-050	63	51.69	59.74	30	270	-	-	949-050	2"	-	-	978-040	2"

943 & 947 Metric thread pitch is 1.5mm
Metallic fittings suitable for 171 series are
920, 925, 930 Nickel Plated Brass
923, 927 Stainless Steel

CONDUIT SPECIFICATIONS

- Material | PVC
- Construction | PVC Smooth
- UV Resistance | Superior
- Flame Retarded | UL 94 VO Self Extinguishing
- Meets Standards | AS 2053 Parts 1 & 5
- IP Rating | 67
- Temp Rating | -25°C to 60°C
- Compression | 750N
- Pullout | 68kg for 5 mins

fittings

SPECIFICATIONS

Material | Hi impact PVC
UV Resistance | Superior
IP Rating | 67
Temp Rating | -20°C to 80°C
Flame Retarded | UL 94 VO Self Extinguishing
Meets Standards | AS 2053 Parts 1 & 5, UL listed 514b



943



947

172 Series

Non Metallic Liquidtight
Oil Resistant

172 Series flexible Spiral Reinforced Green Synthetic Rubber Conduit with smooth bore and smooth exterior is the industry choice for many oil installations. Suitable for earth moving, abattoirs, lubricating industries and heavy oil applications.



Conduit						Fittings							
Code	Trade Size	ID	OD	Coil Length	Bend Radius	Straight Metric		Straight NPT		90° Metric		90° NPT	
	(mm)	(mm)	(mm)	(m)	(mm)	943	Thread	949	Thread	947	Thread	978	Thread
172-012	16	12.55	17.65	30	50	943-012	20	949-012	1/2"	947-012	20	978-012	1/2"
172-016	20	16.05	21.97	30	70	943-016	20	949-016	1/2"	947-016	20	978-016	1/2"
172-021	25	21.08	26.29	30	90	943-021	25	949-021	3/4"	947-021	25	978-021	3/4"
172-026	32	26.82	32.94	30	140	943-026	32	949-026	1"	947-026	32	978-026	1"

943 & 947 Metric thread pitch is 1.5mm
Metallic fittings suitable for 172 series are
920, 925, 930 Nickel Plated Brass
923, 927 Stainless Steel

CONDUIT SPECIFICATIONS

- Material | Synthetic Rubber
- Construction | Synthetic Rubber Smooth
- UV Resistance | Superior
- Flame Retarded | UL 94 VO Self Extinguishing
- Meets Standards | AS 2053 Parts 1 & 5
- IP Rating | 67
- Temp Rating | -25°C to 80°C
- Compression | 750N
- Pullout | 68kg for 5 mins

fittings

Fittings Specifications

Material | Hi Impact PVC
UV Resistance | Superior
IP Rating | 67
Temp Rating | -20°C to 80°C
Flame Retarded | UL 94 VO Self Extinguishing
Meets Standards | AS 2053 Parts 1 & 5, UL listed 514b



943



947

178 Series

Non Metallic Liquidtight
Oil & Heat Resistant

178 Series flexible Spiral Reinforced Orange PVC Conduit with smooth bore and smooth exterior is the industry choice for a large range of heat and oil installations. Suitable for steel works, foundries, fruit canning, food and beverage industries and heavy oil applications.



Conduit						Fittings							
Code	Trade Size	ID	OD	Coil Length	Bend Radius	Straight Metric		Straight NPT		90° Metric		90° NPT	
	(mm)	(mm)	(mm)	(m)	(mm)	943	Thread	949	Thread	947	Thread	978	Thread
178-012	16	12.55	17.65	30	50	943-012	20	949-012	1/2"	947-012	20	978-012	1/2"
178-016	20	16.05	21.97	30	70	943-016	20	949-016	1/2"	947-016	20	978-016	1/2"
178-021	25	21.08	26.29	30	90	943-021	25	949-021	3/4"	947-021	25	978-021	3/4"
178-026	32	26.82	32.94	30	140	943-026	32	949-026	1"	947-026	32	978-026	1"
178-035	40	35.56	41.56	30	190	-	-	949-040	1 1/2"	-	-	978-040	1 1/2"
178-040	50	40.38	47.67	30	240	-	-	949-050	2"	-	-	978-040	2"

943 & 947 Metric thread pitch is 1.5mm
Metallic fittings suitable for 178 series are
920, 925, 930 Nickel Plated Brass
923, 927 Stainless Steel

CONDUIT SPECIFICATIONS

- Material | PVC
- Construction | PVC Smooth
- UV Resistance | Superior
- Flame Retarded | UL 94 VO Self Extinguishing
- Meets Standards | AS 2053 Parts 1 & 5
- IP Rating | 67
- Temp Rating | -25°C to 75°C
- Compression | 750N
- Pullout | 68kg for 5 mins

fittings

SPECIFICATIONS

Material | Hi Impact PVC
UV Resistance | Superior
IP Rating | 67
Temp Rating | -20°C to 80°C
Flame Retarded | UL 94 VO Self Extinguishing
Meets Standards | AS 2053 Parts 1 & 5, UL listed 514b



180 Series

Non Metallic Liquidtight
Oil & Heat Resistant

180 Series flexible Spiral Reinforced PVC Conduit with smooth bore and smooth exterior is the industry choice for many heat and oil installations. Suitable for steel and foundry, food and beverage, packaging and conveying, lighting and high UV applications.



Conduit						Fittings							
Code	Trade Size	ID	OD	Coil Length	Bend Radius	Straight Metric		Straight NPT		90° Metric		90° NPT	
	(mm)	(mm)	(mm)	(m)	(mm)	943	Thread	949	Thread	947	Thread	978	Thread
180-012	16	12.55	17.65	30	50	943-012	20	949-012	1/2"	947-012	20	978-012	1/2"
180-016	20	16.05	21.97	30	70	943-016	20	949-016	1/2"	947-016	20	978-016	1/2"
180-021	25	21.08	26.29	30	90	943-021	25	949-021	3/4"	947-021	25	978-021	3/4"
180-026	32	26.82	32.94	30	140	943-026	32	949-026	1"	947-026	32	978-026	1"
180-035	40	35.56	41.65	30	190	943-035	40	949-035	1 1/4"	947-035	40	978-035	1 1/4"
180-040	50	40.38	47.67	30	240	-	-	949-040	1 1/2"	-	-	978-040	1 1/2"
180-050	63	51.69	59.74	30	270	-	-	949-050	2"	-	-	978-040	2"

Other coil lengths are available on request

943 & 947 Metric thread pitch is 1.5mm
Metallic fittings suitable for 180 series are
920, 925, 930 Nickel Plated Brass
923, 927 Stainless Steel

CONDUIT SPECIFICATIONS

- Material | PVC
- Construction | PVC Smooth
- UV Resistance | Superior
- Flame Retarded | UL 94 VO Self Extinguishing
- Meets Standards | AS 2053 Parts 1 & 5
- IP Rating | 67
- Temp Rating | -10°C to 75°C
- Compression | 750N
- Pullout | Exceeds 68kg for 5 mins



SPECIFICATIONS

Material | Hi Impact PVC
UV Resistance | Superior
IP Rating | 67
Temp Rating | -20°C to 80°C
Flame Retarded | UL 94 VO Self Extinguishing
Meets Standards | AS 2053 Parts 1 & 5, UL listed 514b



270 Series

Metallic Liquidtight Heavy Duty Steel

270 Series flexible PVC Sheath exterior with Galvanised steel core Conduit is the industry choice for all liquidtight installations. Suitable for mining, transformers, crane and hoists and rail applications.



Conduit						Fittings					
Code	Trade Size	ID	OD	Coil Length	Bend Radius	Straight NPB	90° NPB	45° NPB	Straight SS	90° SS	Thread
	(mm)	(mm)	(mm)	(m)	(mm)	920	925	930	923	927	Metric
270-012	14	10	16	25	45	920-012	-	-	-	-	16
270-016	16	12	18	25	50	920-016	925-016	930-016	923-016	927-016	16
270-020	20	16	21	10 & 25	65	920-020	925-020	930-020	923-020	927-020	20
270-025	25	21	27	10 & 25	75	920-025	925-025	930-025	923-025	927-025	25
270-032	32	27	33	10	100	920-032	925-032	930-032	923-032	927-032	32
270-040	40	35	42	10	120	920-040	925-040	930-040	923-040	927-040	40
270-050	50	40	48	10	140	920-050	925-050	930-050	923-050	927-050	50
270-063	63	51	60	10	180	920-063	925-063	930-063	923-063	927-063	63

Other coil lengths are available on request

All fittings are Metric thread pitch of 1.5mm
NPB | Nickel Plated Brass
SS | Stainless Steel

CONDUIT SPECIFICATIONS

- Material | Galvanised Steel Core (GSC)
- Construction | PVC Sheath with GSC
- UV Resistance | Good
- Flame Retarded | Non - Flame Propagating
- Meets Standards | AS 2053 Parts 1 & 8
- IP Rating | 67 with liquidtight fittings
- Temp Rating | -10°C to 105°C
- Compression | 1250N
- Pullout | 1000N



SPECIFICATIONS

UV Resistance | Superior
Flame Retarded | Metal
IP Rating | 67
Temp Rating | -50°C to 250°C
Materials | Nickel Plated Brass
Meets Standards | AS 2053 Parts 1 & 8,
CEI EN 50086-2-3



920



930



925

271 Series

Metallic Liquidtight Heavy Duty Steel

271 Series flexible Grey PVC Sheath exterior with Galvanised steel core Conduit is the industry choice for all liquidtight installations. Suitable for mining, transformers, conveyor and rail applications.



Conduit						Fittings					
Code	Trade Size	ID	OD	Coil Length	Bend Radius	Straight NPB	90° NPB	45° NPB	Straight SS	90° SS	Thread
	(mm)	(mm)	(mm)	(m)	(mm)	920	925	930	923	927	Metric
271-016	16	12.6	17.8	25	50	920-016	925-016	930-016	923-016	927-016	16
271-020	20	16.1	21.1	10 & 25	80	920-020	925-020	930-020	923-020	927-020	20
271-025	25	21.0	26.5	10 & 25	110	920-025	925-025	930-025	923-025	927-025	25
271-032	32	26.5	33.1	10 & 25	145	920-032	925-032	930-032	923-032	927-032	32
271-040	40	35.1	41.5	10	180	920-040	925-040	930-040	923-040	927-040	40
271-050	50	40.4	47.9	10	240	920-050	925-050	930-050	923-050	927-050	50
271-063	63	51.6	59.9	10	345	920-063	925-063	930-063	923-063	927-063	63

Other coil lengths are available on request

All fittings are Metric thread pitch of 1.5mm
NPB | Nickel Plated Brass
SS | Stainless Steel

CONDUIT SPECIFICATIONS

- Material | Galvanised Steel Core (GSC)
- Construction | PVC Sheath with GSC
- UV Resistance | Good
- Flame Retarded | Non - Flame Propagating
- Meets Standards | AS 2053 Parts 1 & 8
- IP Rating | 67 with liquidtight fittings
- Temp Rating | -10°C to 105°C
- Compression | 1250N
- Pullout | 1000N

fittings

SPECIFICATIONS

UV Resistance | Superior
Flame Retarded | Metal
IP Rating | 67
Temp Rating | -50°C to 250°C
Materials | Nickel Plated Brass
Standards | AS 2053 Parts 1 & 8 CEI EN 50086-2-3



920



930

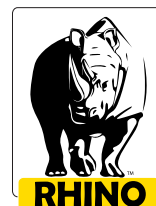


925

278 Series

Metallic Liquidtight Heavy Duty Steel

278 Series flexible Orange PVC sheath exterior with Galvanised Steel core conduit is the industry choice for all liquidtight installations. Suitable for mining, transformers, security, high mechanical strength and rail applications.



Conduit						Fittings					
Code	Trade Size	ID	OD	Coil Length	Bend Radius	Straight NPB	90° NPB	45° NPB	Straight SS	90° SS	Thread
	(mm)	(mm)	(mm)	(m)	(mm)	920	925	930	923	927	Metric
278-016	16	12	18	25	50	920-016	925-016	930-016	923-016	927-016	16
278-020	20	16	21	10 & 25	80	920-020	925-020	930-020	923-020	927-020	20
278-025	25	21	27	10 & 25	110	920-025	925-025	930-025	923-025	927-025	25
278-032	32	27	33	10 & 25	145	920-032	925-032	930-032	923-032	927-032	32
278-040	40	35	42	10	180	920-040	925-040	930-040	923-040	927-040	40
-	50	40	48	10	240	920-050	925-050	930-050	923-050	927-050	50
-	63	51	60	10	345	920-063	925-063	930-063	923-063	927-063	63

Other coil lengths are available on request

All fittings are Metric thread pitch of 1.5mm
NPB | Nickel Plated Brass
SS | Stainless Steel

CONDUIT SPECIFICATIONS

- Material | Galvanised Steel Core (GSC)
- Construction | PVC Sheath with GSC
- UV Resistance | Good
- Flame Retarded | Non - Flame Propagating
- Standards | AS 2053 Parts 1 & 8
- IP Rating | 67 with liquidtight fittings
- Temp Rating | -10°C to 105°C
- Compression | 1250N
- Pullout | 1000N

fittings

SPECIFICATIONS

UV Resistance | Superior
Flame Retarded | Metal
IP Rating | 67
Temp Rating | -50°C to 250°C
Materials | Nickel Plated Brass
Standards | AS 2053 Parts 1 & 8 CEI EN 50086-2-3



920



930



925

300 Series

Metallic Liquidtight Heavy Duty Steel

Galvanised Steel Core with Black Thermoplastic Rubber Flexible Conduit, Flame Retardant and Ultra Violet. Highly flexible with excellent fatigue life, water and dust resistance, Abrasion and Ultra violet resistance. Designed to withstand extreme temperatures.



Conduit						Fittings					
Code	Trade Size	ID	OD	Coil Length	Bend Radius	Straight NPB	90° NPB	45° NPB	Straight SS	90° SS	Thread
	(mm)	(mm)	(mm)	(m)	(mm)	920	925	930	923	927	Metric
300-016	16	12.3	18.0	50	50	920-016	925-016	930-016	923-016	927-016	16
300-020	20	16.2	22.5	30	60	920-020	925-020	930-020	923-020	927-020	20
300-025	25	21.3	27.0	30	75	920-025	925-025	930-025	923-025	927-025	25
300-032	32	26.4	34.0	20	100	920-032	925-032	930-032	923-032	927-032	32
300-040	40	35.5	43.5	20	135	920-040	925-040	930-040	923-040	927-040	40
300-050	50	40.6	49.0	15	160	920-050	925-050	930-050	923-050	927-050	50
300-063	63	51.2	62.0	10	190	920-063	925-063	930-063	923-063	927-063	63

Other coil lengths are available on request

All fittings are Metric thread pitch of 1.5mm
NPB | Nickel Plated Brass
SS | Stainless Steel

CONDUIT SPECIFICATIONS

- Material | Galvanised Steel Core (GSC)
- Construction | Thermoplastic Rubber with GSC
- UV Resistance | Superior
- Flame Retarded | Non - Flame Propagating
- Standards | AS 2053 Parts 1 & 8
- IP Rating | 67 with liquidtight fittings
- Temp Rating | -60°C to 150°C
- Compression | 1250N
- Pullout | 1000N

fittings

SPECIFICATIONS

UV Resistance | Superior
Flame Retarded | Metal
IP Rating | 67
Temp Rating | -50°C to 250°C
Materials | Nickel Plated Brass
Standards | AS 2053 Parts 1 & 8 CEI EN 50086-2-3



920



930



925

245 Series

Heavy Duty Steel
Highly Flexible

245 Series Highly flexible with Galvanised Steel core conduit is manufactured for heavy duty installations. Suitable for data installations, under floor, workshop machinery applications and is excellent for rodent protection.



Conduit						Fittings					
Code	Trade Size	ID	OD	Coil Length	Bend Radius	Straight NPB	90° NPB	45° NPB	Fixed NPB	Swivel NPB	Thread
	(mm)	(mm)	(mm)	(m)	(mm)	920	925	930	961	962	Metric
245-010	10	7.0	9.0	50	25	-	-	-	961-010	962-010	12
245-012	12	10.0	13.0	30	30	920-012	-	-	961-012	962-012	16
245-016	16	12.0	15.0	30	35	920-016	925-016	930-016	961-016	962-016	16
245-020	20	15.5	18.5	30	45	920-020	925-020	930-020	961-020	962-020	20
245-025	25	20.5	23.5	30	55	920-025	925-025	930-025	961-025	962-025	25
245-032	32	26.5	29.5	30	60	920-032	925-032	930-032	961-032	962-032	32
245-040	40	34.5	38.5	30	80	920-040	925-040	930-040	961-040	962-040	40
245-050	50	39.5	43.1	25	90	920-050	925-050	930-050	961-050	962-050	50
245-063	63	50.5	54.1	25	115	920-063	925-063	930-063	-	-	63

Other coil lengths are available on request

NPB | Nickel Plated Brass

All fittings are Metric thread pitch of 1.5mm

CONDUIT SPECIFICATIONS

- Material | Galvanised Steel Core (GSC)
- Construction | GSC
- UV Resistance | Superior
- Flame Retarded | Self Extinguishing
- Meets Standards | AS 2053 Parts 1 & 8
- IP Rating | 54 with standard fittings
- Temp Rating | -45°C to 250°C
- Compression | 1250N
- Pullout | 250N

fittings

SPECIFICATIONS

UV Resistance | Superior
Flame Retarded | Metal
IP Rating | 67
Temp Rating | -50°C to 250°C
Materials | Nickel Plated Brass
Meets Standards | AS 2053 Parts 1 & 8,
CEI EN 50086-2-3



250 Series

Heavy Duty Steel
Flexible with PVC

250 Series Highly flexible with Galvanised Steel core and PVC exterior sheath conduit is manufactured for heavy duty installations. Suitable for security and computer installations, packaging and workshop machinery and is excellent for high flexible applications.



1250N



Conduit						Fittings					
Code	Trade Size	ID	OD	Coil Length	Bend Radius	Straight NPB	90° NPB	45° NPB	Fixed NPB	Swivel NPB	Thread
	(mm)	(mm)	(mm)	(m)	(mm)	920	925	930	961	962	Metric
250-010	10	7.0	9.0	10 & 30	25	-	-	-	961-010	962-010	12
250-012	12	10.0	13.5	10 & 30	30	920-012	-	-	961-012	962-012	16
250-016	16	12.0	15.7	10 & 30	35	920-016	925-016	930-016	961-016	962-016	16
250-020	20	15.5	19.5	10 & 30	45	920-020	925-020	930-020	961-020	962-020	20
250-025	25	20.5	24.7	10 & 30	55	920-025	925-025	930-025	961-025	962-025	25
250-032	32	26.5	31.7	10 & 30	60	920-032	925-032	930-032	961-032	962-032	32
250-040	40	34.5	40.0	10 & 25	80	920-040	925-040	930-040	961-040	962-040	40
250-050	50	39.5	45.0	10 & 25	90	920-050	925-050	930-050	961-050	962-050	50
250-063	63	50.5	56.0	10 & 25	115	920-063	925-063	930-063	-	-	63

Other coil lengths are available on request

NPB | Nickel Plated Brass

All fittings are Metric thread pitch of 1.5mm

CONDUIT SPECIFICATIONS

- Material | Galvanised Steel Core (GSC)
- Construction | PVC Sheath
- UV Resistance | Superior
- Flame Retarded | UL 94 VO Self Extinguishing
- Meets Standards | AS 2053 Parts 1 & 8
- IP Rating | 67 with liquidtight fittings
- IP Rating | 54 with standard fittings
- Temp Rating | -15°C to 70°C
- Compression | 1250N
- Pullout | 250N

fittings

SPECIFICATIONS

UV Resistance | Superior
Flame Retarded | Metal
IP Rating | 67
Temp Rating | -50°C to 250°C
Materials | Nickel Plated Brass
Meets Standards
AS 2053 Parts 1 & 8 CEI EN 50086-2-3



257 Series

Heavy Duty Steel
Highly Flexible Braid

257 Series Highly flexible with Galvanised Steel core and Braided exterior conduit is manufactured for heavy duty flexible installations. Suitable for foundries and smelters, workshop machinery, boilers and rail applications.



Conduit						Fittings			
Code	Trade Size	ID	OD	Coil Length	Bend Radius	Straight NPB	90° NPB	45° NPB	Thread
	(mm)	(mm)	(mm)	(m)	(mm)	920	925	930	Metric
257-012	12	10.0	13.5	50	30	920-012	-	-	16
257-016	16	12.0	15.7	50	35	920-016	925-016	930-016	16
257-020	20	15.5	19.5	50	45	920-020	925-020	930-020	20
257-025	25	20.5	24.7	50	55	920-025	925-025	930-025	25
257-032	32	26.5	31.7	25	60	920-032	925-032	930-032	32
257-040	40	34.5	40.0	25	80	920-040	925-040	930-040	40

Other coil lengths are available on request

NPB | Nickel Plated Brass

All fittings are Metric thread pitch of 1.5mm

CONDUIT SPECIFICATIONS

- Material | Galvanised Steel Core (GSC)
- Construction | Wire Braid with GSC
- UV Resistance | Superior
- Flame Retarded | UL 94 VO Self Extinguishing
- Meets Standards | AS 2053 Parts 1 & 8
- IP Rating | 67 with liquidtight fittings
- Temp Rating | -15°C to 70°C
- Compression | 1250N
- Pullout | 250N



SPECIFICATIONS

UV Resistance | Superior
Flame Retarded | Metal
IP Rating | 67
Temp Rating | -50°C to 250°C
Materials | Nickel Plated Brass
Meets Standards | AS 2053 Parts 1 & 8,
CEI EN 50086-2-3



920



930



925

247 Series

Heavy Duty Stainless Steel
Highly Flexible

247 Series Highly flexible with Stainless Steel core conduit is manufactured for heavy duty installations. Suitable for food and beverage, marine, cranes and high corrosion areas.



Conduit						Fittings					
Code	Trade Size	ID	OD	Coil Length	Bend Radius	Straight SS	90° SS		Fixed NPB	Swivel NPB	Thread
	(mm)	(mm)	(mm)	(m)	(mm)	923	927		961	962	Metric
247-012	12	10.0	13.0	50	30	-	-		961-012	962-012	16
247-016	16	12.0	15.0	50	35	923-016	927-016		961-016	962-016	16
247-020	20	15.5	18.5	50	45	923-020	927-020		961-020	962-020	20
247-025	25	20.5	23.5	50	55	923-025	927-025		961-025	962-025	25
247-032	32	26.5	29.5	25	60	923-032	927-032		961-032	962-032	32

Other coil lengths are available on request

All fittings are Metric thread pitch of 1.5mm
NPB | Nickel Plated Brass
SS | Stainless Steel

CONDUIT SPECIFICATIONS

- Material | Stainless Steel Core (SSC)
- Construction | SSC 304
- UV Resistance | Superior
- Flame Retarded | Self Extinguishing
- Meets Standards | AS 2053 Parts 1 & 8
- IP Rating | 54 with standard fittings
- Temp Rating | -45°C to 250°C
- Compression | 1250N
- Pullout | 250N

fittings

SPECIFICATIONS

UV Resistance | Superior
Flame Retarded | Metal
IP Rating | 67
Temp Rating | -50°C to 250°C
Materials | Stainless Steel & Nickel Plated Brass
Meets Standards | AS 2053 Parts 1 & 8



277 Series

Heavy Duty Stainless Steel
Highly Flexible

277 Series Highly flexible with Stainless Steel core with PVC exterior sheath conduit is manufactured for heavy duty installations. Suitable for food and beverage, marine, high corrosion and liquid areas.



Conduit						Fittings		
Code	Trade Size	ID	OD	Coil Length	Bend Radius	Straight SS	90° SS	Thread
	(mm)	(mm)	(mm)	(m)	(mm)	923	927	Metric
277-016	16	12.6	17.8	25	35	923-016	927-016	16
277-020	20	16.1	20.5	10 & 25	45	923-020	927-020	20
277-025	25	21.0	26.5	10 & 25	55	923-025	927-025	25
277-032	32	26.5	33.1	10 & 25	60	923-032	927-032	32

Other coil lengths are available on request

All fittings are Metric thread pitch of 1.5mm
NPB | Nickel Plated Brass
SS | Stainless Steel

CONDUIT SPECIFICATIONS

- Material | Stainless Steel Core (SSC)
- Construction | SSC 304 with PVC Sheath
- UV Resistance | Good
- Flame Retarded | Non-Flame Propagating
- Standards | AS 2053 Parts 1 & 8
- IP Rating | 67 with liquidtight fittings
- Temp Rating | -10°C to 105°C
- Compression | 1250N
- Pullout | 250N

fittings

SPECIFICATIONS

UV Resistance | Superior
Flame Retarded | Metal
IP Rating | 67
Temp Rating | -50°C to 250°C
Materials | Stainless Steel & Nickel Plated Brass
Standards | AS 2053 Parts 1 & 8



927



923

150 Series

PVC Heavy Duty

150 Series is highly flexible Spiral Reinforced PVC Conduit with smooth bore and convoluted exterior. Suitable for packaging machinery, fan installations, conveyor manufacturers, automotive wiring, pump installations, lighting and switchboard applications.



ULTRAFLEX
flexible conduit



Conduit						Fittings			
Code	Trade Size	ID	OD	Coil Length	Bend Radius	Straight Metric		90° Metric	
	(mm)	(mm)	(mm)	(m)	(mm)	952	Thread	972	Thread
150-006	10	6	10.0	20	12	-	-	-	-
150-008	12	8	12.1	30	16	-	-	-	-
150-010	14	10	14.7	30	25	952-010	12	-	-
150-012	16	12	16.4	30	30	952-012	16	972-012	16
150-016	20	16	20.7	30	35	952-016	20	972-016	20
150-022	25	22	27.7	30	50	952-022	25	972-022	25
150-028	32	28	33.5	30	60	952-028	32	972-028	32
150-035	40	35	41.0	30	70	952-035	40	972-035	40
150-040	50	40	46.4	30	80	952-040	50	-	-
150-050	63	50	57.2	30	105	952-050	63	-	-

952 & 972 Metric thread pitch is 1.5mm

CONDUIT SPECIFICATIONS

- Material | PVC
- Construction | PVC Smooth bore
- UV Resistance | Superior
- Flame Retarded | UL 94 VO Self Extinguishing
- Meets Standards | AS 2053 Parts 1 & 5
| CS2796N
- IP Rating | 65
- Temp Rating | -10°C to 65°C
- Compression | 320N
- Pullout | Exceeds 15kg for 1 min

fittings

SPECIFICATIONS

Material | Polypropylene
 UV Resistance | Superior
 Flame Retarded | UL 94 VO Self Extinguishing
 Meets Standards | AS 2053 Parts 1 & 5, CS2796N
 IP Rating | 65
 Temp Rating | -25°C to 105°C



952



972

CPSS Series

PA6 Split Conduit

EC&M CPSS Series is very flexible split corrugated PA6 Conduit with corrugated bore. Suitable for security, buildings, marine and rail. Also suitable for green star projects.



ULTRAFLEX
flexible conduit

Conduit					
Code	Trade Size	ID	OD	Coil Length	Bend Radius
	(mm)	(mm)	(mm)	(m)	(mm)
CPSS-07B	10	7.0	10.0	50	15
CPSS-10B	14	10.0	13.0	50	20
CPSS-12B	16	12.0	15.8	50	30
CPSS-16B	20	16.0	21.2	50	40
CPSS-22B	25	22.0	28.5	50	45
CPSS-28B	32	28.0	34.5	50	55
CPSS-36B	40	36.0	42.5	30	60
CPSS-48B	50	48.0	54.5	30	70
CPSS-56B	63	56.3	67.2	30	110
CPSS-70B	80	70.0	82.5	10	160

CONDUIT SPECIFICATIONS

- Material | Polyamide 6
- Construction | PA6 Corrugated
- UV Resistance | Superior
- Flame Retarded | UL 94 HB
- Standards | AS 2053 Parts 1 & 5
- Temp Rating | -40°C to 105°C

PAH Series

PA6 Heavy Duty

EC&M PAH Series is very flexible corrugated PA6 Conduit with corrugated bore. Suitable for security, buildings, marine and rail. Also suitable for green star projects.



ULTRAFLEX
flexible conduit

Conduit						Fittings					
Code	Trade Size	ID	OD	Coil Length	Bend Radius	Straight Metric		90° Metric		45° Metric	
	(mm)	(mm)	(mm)	(m)	(mm)	TNC	Thread	TWC	Thread	TAC	Thread
PAH-07B	10	6.4	10.0	50	15	TNC-M107B TNC-M127B TNC-M167B	12 16 20	TWC-M107B	12	-	-
PAH-10B	14	9.6	13.0	50	20	TNC-M10B TNC-M120B	12 16	TWC-M10B	12	TAC-M10B	12
PAH-12B	16	11.8	15.8	50	35	TNC-M102B TNC-M12B	12 16	TWC-M12B	16	TAC-M12B	16
PAH-16B	20	15.9	21.2	50	40	TNC-M126B TNC-M16B TNC-M226B	16 20 25	TWC-M16B	20	TAC-M16B	20
PAH-22B	25	21.7	28.5	50	45	TNC-M22B	25	TWC-M22B	25	TAC-M22B	25
PAH-28B	32	27.8	34.5	50	55	TNC-M322B TNC-M28B	32 32	TWC-M28B	32	TAC-M28B	32
PAH-36B	40	36.0	42.5	30	60	TNC-M4028B TNC-M36B	40 40	TWC-M36B	40	TAC-M36B	40
PAH-48B	50	46.5	54.5	30	70	TNC-M5036B TNC-M48B	50 50	TWC-M48B	50	TAC-M48B	50
PAH-56B	63	56.3	67.2	30	115	TNC-M6348B TNC-G56B*	63 G 2"	-	-	-	-
PAH-70B	80	70.0	82.5	10	160	TNC-G70B*	G 2 1/2"	-	-	-	-
PAH-95B	100	91.5	106.0	10	210						

CONDUIT SPECIFICATIONS

- Material | Polyamide 6
- Construction | PA6 Corrugated
- UV Resistance | Superior
- Flame Retarded | UL 94 VO Self Extinguishing
- Standards | AS 2053 Parts 1 & 5
- IP Rating | 68
- Temp Rating | -40°C to 105°C (Short Term 150°C)
- Impact Strength | 25kg cm/cm²
- Tensile Strength | 700kg/cm²

fittings

SPECIFICATIONS

Material | Polyamide 6
UV Resistance | Superior
Flame Retarded | UL 94 VO Self Extinguishing
Standards | AS 2053 Parts 1 & 5,
IP Rating | 67
Temp Rating | -40°C to 105°C



TNC, TAC, TWC Metric thread pitch is 1.5mm | * TNC Imperial Thread

Fittings

CPS
Polyamide 6

ULTRAFLEX CPS Fittings are designed for rigid PAR and CPSS Series of conduit. The CPS fittings offers more flexibility for those installations requiring more than just standard fittings.

ULTRAFLEX
flexible conduit



Trade Size (mm)	Code TNSC	Code FEC	Cable Diameter MIN (mm)	Cable Diameter MAX (mm)	Code NFH	Height (mm)	Code TNOC	Code TWOC	Code TYC	Code TVC	Conduit Size (mm)
		End Caps			Conduit Clips		Straight	90°	T to Y Fitting	V Fitting	
10	-	FEC-07B	2.0	7.0	NFH-07B	20.0	-	-	TYC-10-10-10B TYC-12-10-10B TYC-12-12-10B	TVC-10-10-10B TVC-12-10-10B TVC-12-12-10B	12 x 12 x 12 16 x 12 x 12 16 x 16 x 12
14	TNSC-10B	FEC-10B	3.0	10.0	NFH-10B	24.2	-	-	TYC-12-12-12B TYC-16-10-10B	TVC-12-12-12B TVC-10-10-10B	16 x 16 x 16 16 x 12 x 12
16	TNSC-12B	FEC-12B	4.2	12.0	NFH-12B	25.7	TNOC-12B	TWOC-12B	TYC-16-12-10B TYC-16-12-12B	TVC-16-12-10B TVC-16-12-12B	20 x 16 x 12 20 x 16 x 16
20	TNSC-16B	FEC-16B	6.0	16.0	NFH-16B	33.0	TNOC-16B	TWOC-16B	TYC-16-16-16B TYC-22-22-12B TVC-28-22-22B	TVC-16-16-16B TVC-22-22-22B TVC-28-22-22B	20 x 20 x 20 25 x 25 x 25 32 x 25 x 25
25	TNSC-22B	FEC-22B	6.0	22.0	NFH-22B	42.2	TNOC-22B	TWOC-22B	TYC-28-28-22B	TVC-28-28-22B	32 x 32 x 25
32	TNSC-28B	FEC-28B	6.0	28.0	NFH-28B	49.8	TNOC-28B	TWOC-28B	TYC-28-28-28B	TVC-28-28-28B	32 x 32 x 32
40	TNSC-36B	FEC-36B	6.0	36.0	NFH-36B	59.5	TNOC-36B	TWOC-36B			
50	TNSC-48B	FEC-48B	6.0	48.0	NFH-48B	73.1	TNOC-48B	TWOC-48B			
63	-	-	-	-	NFH-56B	-	TNOC-56B	TWOC-56B			
80	-	-	-	-	NFH-70B	-	TNOC-70B	TWOC-70B			
100	-	-	-	-	NFH-95B	-	TNOC-95B	TWOC-95B			

SPECIFICATIONS

Material | Polyamide 6
UV Resistance | Superior
Flame Retarded | UL 94 VO Self Extinguishing
Meets Standards | AS 2053 Parts 1 & 5
IP Rating | 67
Temp Rating | -40°C to 105°C



TVC



FEC



NFH



TNOC



TNSC



TYC



TWOC

AT Series

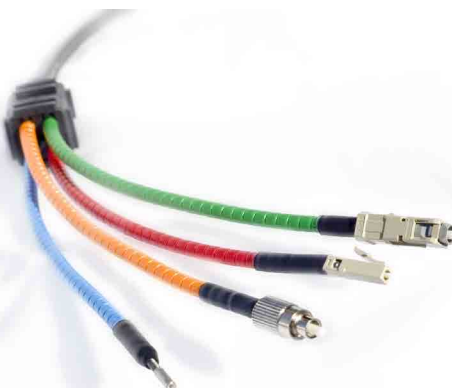
MICRO Stainless Steel

KEY AT Series is very flexible 304 stainless steel Micro Conduit with squarelok helical coiled construction. Suitable for instrumentation, measuring and controlling devices, analytical instruments, fibre optics and medical devices applications.



©

Conduit					
Code	Trade Size	ID	OD	Coil Length	Bend Radius
	(mm)	(mm)	(mm)	(m)	(mm)
AT-SL-002	3.5	3.5	5.1	100	13.5
AT-SL-0025	4	4.0	6.0	100	15.2
AT-SL-003	5	4.8	6.8	100	23.0
AT-SL-035	5.5	5.6	7.7	100	25.7
AT-SL-004	6	6.4	8.4	100	33.0
AT-SL-0045	7	7.2	9.5	100	54.0
AT-SL-005	8	8.0	10.9	50	59.0
AT-SL-006	9.5	9.5	12.7	50	88.0
AT-SL-008	12.7	12.7	15.9	50	90.0



Fittings

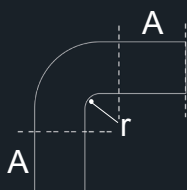
Knock On
Nickel Plated Brass

KEY Quick Knock on Fittings are designed for rigid galvanised and stainless steel non-threadable conduits.

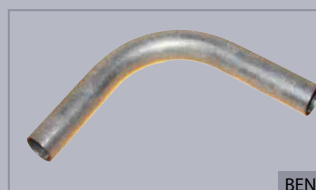


Trade Size (mm)	Code	Overall Length (mm)	O.D (mm)	Thread Size (mm)	Code	Overall Length (mm)	O.D (mm)	Thread Pitch (mm)	Code	Overall Length (mm)	O.D (mm)
	MALE				FEMALE				JOINER		
20	55020	37.0	26.0	9.0	56020	47.0	26.0	20.0	57020	63.0	26.0
25	55025	37.0	32.0	9.0	56025	47.0	32.0	25.0	57025	63.0	32.0
32	55032	37.0	39.0	9.0	56032	47.0	39.0	32.0	57032	63.0	39.0
40	55040	37.0	47.0	9.0	56040	47.0	47.0	40.0	57040	63.0	47.0
50	55050	37.0	57.0	9.0	56040	47.0	57.0	50.0	57050	63.0	57.0

Trade Size (mm)	Code	I.D (mm)	Radius r (mm)	Straights A (mm)
	BEND			
20	TZR 90/20	18.0	50	75
25	TZR 90/25	22.5	70	80
32	TZR 90/32	29.5	80	85
40	TZR 90/40	37.5	100	90
50	TZR 90/50	47.5	125	100



fittings



BEND



TAC



MALE



JOINER

SPECIFICATIONS

Material Fittings | Nickel Plated Brass

Material Bend | Zinc Plated Steel

UV Resistance | Superior

Standards | CEI EN 50086-2-1

IP Rating | 67

Temp Rating | -25°C to 150°C

Accessories

Metallic
Nickel Plated Brass

KEY range of metallic accessories are designed to offer flexibility and versatility.



ISO REDUCER			ISO ENLARGER			PG REDUCER			PG ENLARGER			PG-ISO CONVERTER		
														
Code	Thread (mm)	Internal Thread (mm)	Code	Thread (mm)	Internal Thread (mm)	Code	Thread PG	Internal Thread PG	Code	Thread PG	Internal Thread PG	Code	Thread PG	Internal Thread (mm)
836-011	20	16	836-010	16	20	853-010	9	7	853-011	9	11	890-009	9	16
836-013	25	20	836-012	20	25	853-013	11	7	853-012	9	13.5	890-010	9	20
836-015	32	25	836-014	25	32	853-014	11	9	853-015	11	13.5	890-011	11	16
836-017	40	32				835-017	13-5	9	853-016	11	16	890-012	11	20
836-019	50	40				853-018	13-5	11	853-021	16	21	890-019	16	16
836-021	63	50				853-020	16	13.5				890-020	16	20
						853-022	21	13.5				890-021	21	20
						853-023	21	16				890-022	21	25
						853-025	29	21				890-023	21	32
						853-027	36	29				890-024	29	32
						853-029	42	36				890-025	29	40
						853-031	48	42						

PG | Panzergewinde (Pg) is a German 80° thread (DIN 40430) Thread | Male Internal Thread | Female ISO | Metric with 1.5mm pitch

Accessories

Metallic & Non Metallic
Nickel Plated Brass & Nylon

KEY range of metallic and non metallic accessories are designed to offer flexibility and versatility.



LOCKNUTS (Non Metallic)				LOCKNUTS (Metallic)				FERRULES		CLIPS (Non Metallic)			
													
Code	Thread (mm)	Code	Thread PG	Code	Thread (mm)	Code	Thread PG	Code	Conduit Trade Size	Code	Conduit Trade Size	Code	Size (mm)
965-012	12	386661	7	-	-	855-010	7	LT/1/4F	12	582-016	16	980-006	10
965-016	16	386662	9	964-016	16	855-011	9	LT/01	16	582-020	20	980-008	12
965-020	20	386663	11	964-020	20	855-012	11	LT/1F	20	582-025	25	980-010	14
965-025	25	386664	13.5	964-025	25	855-013	13-5	LT/2F	25	582-032	32	980-012	16
965-032	32	386665	16	964-032	32	855-014	16	LT/3F	32			980-016	20
965-040	40	386666	21	964-040	40	855-015	21	LT/4F	40			980-022	25
965-050	50	386667	29	964-050	50	855-016	29	LT/5F	50			980-028	32
		386668	36	964-063	63	855-017	36	LT/6F	63			980-035	40
		386669	42	853-025	29	855-018	42						
		386670	48	853-027	36	855-019	48						
				853-029	42								
				853-031	48								

PG | Panzergewinde (Pg) is a German 80° thread (DIN 40430) Thread | Male Internal Thread | Female ISO | Metric with 1.5mm pitch

Chemical Resistance Guide Table

The information provided below should be used as a guide only, we strongly recommend that individual testing be completed prior to application and installations. Please note the chemical guides are conducted at room temperature.

Chemical	Series					Chemical	Series				
Acetaldehyde						Hydrobromic Acid	150	170			200
Acetic Acid	150					Linseed Oil	150	170			200
Acetone			CPS			Lubricating Oils			CPS		
Alcohol			CPS			Methanol	150	170			
Ammonia	150	170	CPS		200	Methylene Chloride					
Animal Fats & Oils	150	170			200	MEK			CPS		
Beer	150	170	CPS			Milk	150	170	CPS		
Benzene			CPS			Mineral Oils	150	170	CPS		
Boric Acid	150	170	CPS		200	Molasses	150	170	CPS		
Brine	150	170			200	Mercury	150	170	CPS		
Calcium Chloride	150	170			200	Naphtha			CPS		
Carbon Dioxide	150	170			200	Nitric Acid 10%	150	170			200
Carbon Tetrachloride			CPS			Nitric Acid 35%					200
Caustic Soda 40%	150	170			200	Oleic Acid	150	170			200
Chlorobezene			CPS			Oxalic Acid	150	170			200
Chloroform			CPS			Paraffin			CPS		
Citric Acid	150	170	CPS		200	Paraffin Oil			CPS		
Corn Oil	150	170			200	Petrol	150	170	CPS		
Copper Salts	150	170	CPS			Potassium Hydroxide	150	170			200
Diesel Oil			CPS			Seawater	150	170	CPS		
Diethyl Ether	150	170			200	Skydrol			CPS		
Diethylamine			CPS			Silicone Oil	150	170			200
Distilled Water	150	170	CPS			Sodium Cyanide	150	170			200
Ethanol			CPS			Sodium Hydroxide 10%	150	170	CPS		200
Ether			CPS			Sodium Hydroxide 60%			CPS		
Ethylamine			CPS			Sulphuric Acid 50%	150	170			200
Ethylene Glycol			CPS			Synthetic Detergents	150	170	CPS		200
Formaldehyde	150	170	CPS			Tannic Acid	150	170			200
Formic Acid						Transformer Oil			CPS		
Freon 32			CPS			Turpentine			CPS		
Fruit Juice	150	170	CPS			Tannic Acid	150				
Hydrochloric Acid 10%	150	170			200	Urea			CPS		
Hydrogen Peroxide 10%	150	170			200	Vinegar	150	170			200
Gelatine			CPS			Water	150				
Glycerine	150	170	CPS			Vegetable Oils	150	170	CPS		200
Grease	150	170			200	Vinegar	150	170	CPS		200

170 Series | RHINO 171, 172, 178, 180

200 Series | RHINO 270, 271, 278, 300 - SUPAFLEX 245, 250, 257 - SUPAFLEX Stainless 247, 277

CPS Series | CPSS, PAH

150 Series | ULTRAFLEX 150

Technical Information Standards

KEY prides itself on providing the highest level of products and services and as such we ensure that all our products meet the highest standards. As a division of Tubing & Electrical Industries Pty Ltd which is ISO 9001:2008 accredited, KEY is now driven to ensure it complies with guidelines.



Standards Australia (AS)

Standards Australia was established in 1922 and is recognised through a Memorandum of Understanding with the Australian government as the peak non-government standards development body in Australia. It is a company limited by guarantee, with 72 members representing groups interested in the development and application of standards and related products and services. Through its Memorandum of Understanding with the Australian government, it is Australia's member of the two major international standardising organisations, the International Organization for Standardization (ISO) and the International Electrotechnical Commission (the IEC).



UL Listing Mark

UL (Underwriters Laboratories) is a safety consulting and certification company head-quartered in Northbrook, Illinois. It maintains offices in 46 countries. UL was established in 1894 and has participated in the safety analysis of many of the last century's new technologies, most notably the public adoption of electricity and the drafting of safety standards for electrical devices and components. Products with this logo can be considered free of reasonably foreseeable risk of fire, shock and other related hazards



UL Recognised Component Mark

UL Recognized Component Mark is a type of quality mark issued by Underwriters Laboratories. It is borne on components which are intended to be part of a UL listed product, but which cannot bear the full UL logo themselves.



Restriction of Hazardous Substances Directive

The Directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment 2002/95/EC (commonly referred to as the Restriction of Hazardous Substances Directive or RoHS) was adopted in February 2003 by the European Union. The RoHS directive took effect on 1 July 2006, and is required to be enforced and become law in each member state. This directive restricts the use of six hazardous materials in the manufacture of various types of electronic and electrical equipment. It is closely linked with the Waste Electrical and Electronic Equipment Directive (WEEE) 2002/96/EC which sets collection, recycling and recovery targets for electrical goods and is part of a legislative initiative to solve the problem of huge amounts of toxic e-waste.



European Conformity

CE marking means that the product conforms with as many EC directives as apply to the product. The marking does not indicate that a product was made in the EEA but states only that the product has been assessed before being placed on the market and thus satisfies the legislative requirements (e.g. a harmonised level of safety) to be sold there. It means that the manufacturer has verified that the product complies with all relevant essential requirements (such as safety, health, environmental protection requirements) of the applicable directive(s) or, if stipulated in the directive(s), has had it examined by a notified conformity assessment body.



Fluoropolymer Cable

Rated Voltage | 300VAC
 Rated Temperature | 200°C
 Conductor | Annealed Copper Tinned
 Insulator | Teflon FEP CJ 99
 Low Smoke Halogen Free

Colour range available
 Clear, Blue, Brown, Green, White,
 Black, Red, Yellow, Orange, Violet.

Cable Specifications

Nom. Conductor (mm ²)	Conductor No./Dia (mm)	Conductor Type	Current (A)	Insulation Thickness	Nom. O.D (mm) max
0.50	16/0.20	Tinned	5.00	0.23	1.34
0.75	24/0.20	Tinned	7.50	0.23-0.25	1.60-1.70
1.00	32/0.20	Tinned	10.0	0.23-0.25	1.65-1.70
1.50	30/0.25	Tinned	15.0	0.23-0.25	1.95-2.05
2.50	50/0.25	Tinned	20.0	0.28-0.29	2.50-2.60
4.00	80/0.25*	Tinned	25.0	0.28-0.29	3.10-3.20
6.00	84/0.30	Tinned	34.0	0.30-0.35	3.60-3.70
10.00	77/0.40	Plain	55.0	0.40	5.10-5.25

Outer Appearance Smooth
 In-line High Voltage Test AC6KV continuously

* 56/0.30 Tinned may be used

Typical properties of DuPont Teflon FEP CJ99 Fluoropolymer Resin

Property	ASTM Test Method	Unit	Value
<u>Electrical</u>			
Dielectric Constant	D1531		
1 kHz (103 Hz)			2.02
1 MHz (106 Hz)			2.02
Dissipation Factor	D1531		
1 kHz (103 Hz)			0.00006
1 MHz (106 Hz)			0.0006
Dielectric Strength			
10-mil Film		V/mil	2000
1/8-in Sheet		V/mil	500
<u>Mechanical</u>			
Melt Flow Number	D2116	g/10 min	9
Specific Gravity	D762		2.12-2.17
Tensile Strength	D1708	MPa	26
		psi	3770
Elongation	D1708	%	300
Hardness, Durometer	D2240		D55
<u>Thermal</u>			
Melting Point	D2116	°C	255



FEP CJ 99 replaces TE 9481

Automotive Cable

PVC O₂ Free Plain Copper Conductor

KEY Automotive cable is used in a range of markets from aftermarket products, looms and harness to public transport and mining sectors. KEY proudly manufacturers in it's head office facility, Adelaide.

Single Core

Code	MM Industry Equivalent*	Conductor No./Dia (mm)	Nom. Area mm ²	^AMP Rating @ 30°C	Insulation Thickness (mm)	Electrical Resistance @20°C (ohm/km)	Nom. O.D (mm)
KA300	3	14/0.32	1.13	20	0.40	15.8	2.20
KA400	4	23/0.32	1.84	28	0.40	9.50	2.60
KA500	5	36/0.32	2.90	37	0.40	6.00	3.00
KA600	6	57/0.32	4.59	48	0.60	3.80	4.00

Twin Core

Code	MM Industry Equivalent*	Conductor No./Dia (mm)	Nom. Area mm ²	^AMP Rating @ 30°C	Insulation Thickness (mm)	Electrical Resistance @20°C (ohm/km)	Nom. O.D (mm)
KA2TW200	2	7/0.32	0.56	7	0.4/0.6	45.0	3.70 x 5.60
KA2TW300	3	14/0.32	1.13	20	0.4/0.6	15.8	3.90 x 6.40
KA2TW400	4	23/0.32	1.84	28	0.4/0.6	9.50	4.00 x 6.50
KA2TW500	5	36/0.32	2.90	37	0.4/0.6	6.00	4.70 x 7.50
KA2TW600	6	57/0.32	4.59	48	0.4/0.6	3.80	6.10 x 9.00

Multi Core

Code	MM Industry Equivalent*	Cores	Conductor No./Dia (mm)	Nom. Area mm ²	^AMP Rating @ 30°C	Insulation Thickness (mm)	Electrical Resistance @20°C (ohm/km)	Nom. O.D (mm)
KA3TW200	2	3	7/0.32	0.56	7	0.4/0.6	33.1	5.1
KA3TW300	3	3	14/0.32	1.13	14	0.4/0.6	16.8	5.9
KA4TW200	2	4	7/0.32	1.84	7	0.4/0.6	33.1	5.8
KA4TW400	4	4	23/0.32	2.90	14	0.4/0.6	10.3	7.7
KA5TW200	2	5	7/0.32	4.59	7	0.4/0.6	33.1	6.2
KA5TW300	3	5	14/0.32	1.13	11	0.4/0.6	16.8	7.3
KA5TW200	4	5	23/0.32	1.84	15	0.4/0.6	10.3	8.4
KA7TW300	2	7	7/0.32	2.90	5	0.4/0.6	33.1	6.9
KA7TW400	3	7	14/0.32	4.59	10	0.4/0.6	16.8	7.9
KA7TW400	4	7	23/0.32	4.59	14	0.4/0.6	10.3	9.1

Rated Voltage | 60vDC - 25vAC

Rated Temperature | 105°C

Conductor | Annealed Copper or Tinned

Insulator | V90HT

Resin | T1/77

JASO D611

Core colours available: White, Yellow,

Brown, Red, Green, Black, Blue.

Sheath colour: Black



