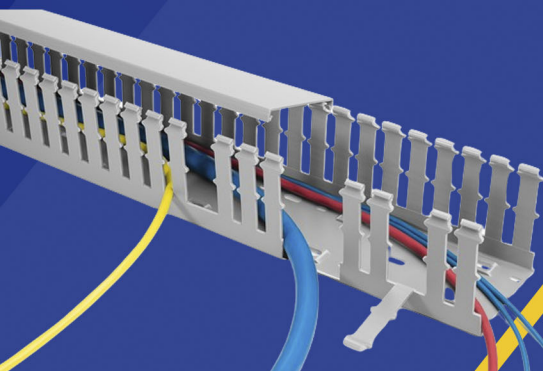
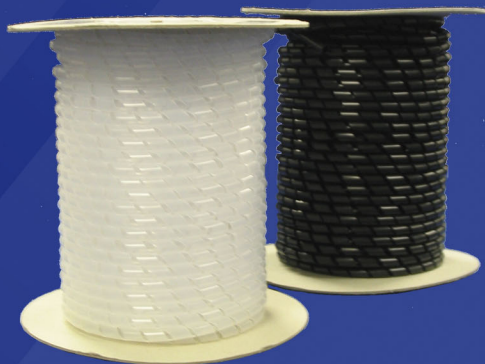




ELECTRICAL COMPONENTS

Wire Management

- Cable Ties and Accessories
- Cable and Conduit Clamps
- Wire Duct ▪ Flexible Duct
- Spiral Wrapping Band





Cable Ties & Accessories

ITC's comprehensive range of high quality cable ties offers an affordable means of bundling and securing wires, cables and conduit in any electrical installation. Our CSA and UL approved cable ties are manufactured from high-grade nylon and feature bent rounded tips for quick application either by hand or the Exac-tite Tensioning/Cutting Tools.

Mounting bases and tie-mount marker tags are also available to facilitate the routing and identification of the wiring.

Features and specifications:

- Colours: white (natural), black and black UV-resistant
- Lengths: 80 to 1224mm (3.2 to 48")
- Operating Temperature: -40 to 85°C; maximum 110°C
- Plenum rating: AH-2
- Material: PA 6.6 UL94V2

- Approvals: CSA type 21 (# 207196), cULus type 2,21,21S (# E168851)

Standard Cable Ties

Standard Cable Ties (Order by Part No.)

Part No. (natural)	Part No. (black UV)	Approvals	Length		Width		Maximum Bundle Diameter		Tensile Strength lb / kg	Pack	Tool
			in	mm	in	mm	in	mm			
<i>260.008m</i> [^]	-	UL, CB	3.2	80	0.10	2.5	0.45	11.0	18 / 8	1000	5 0 0 . 1 1 0
260.010c	262.010c	UL, CB	4.0	104	0.095	2.4	0.87	22.2	18 / 8	100	
260.010m	262.010m	UL, CB	4.0	104	0.095	2.4	0.87	22.2	18 / 8	1000	
260.015c	262.015c	UL, CB	6.0	156	0.095	2.4	1.50	38.1	18 / 8	100	
260.015m	262.015m	UL, CB	6.0	156	0.095	2.4	1.50	38.1	18 / 8	1000	
260.020c	262.020c	UL, CB	8.0	207	0.095	2.4	2.18	55.0	18 / 8	100	
260.020m	262.020m	UL, CB	8.0	207	0.095	2.4	2.18	55.0	18 / 8	1000	
260.112c	262.112c	UL, CB	5.0	130	0.14	3.2	1.43	36.5	40 / 18	100	
260.112m	262.112m	UL, CB	5.0	130	0.14	3.2	1.43	36.5	40 / 18	1000	
260.120c	262.120c	UL, CB	8.0	207	0.14	3.6	2.37	60.3	40 / 18	100	
<i>260.120m</i> [^]	<i>262.120m</i> [^]	UL, CB	8.0	207	0.14	3.6	2.37	60.3	40 / 18	1000	
260.129c	262.129c	UL, CB	11.0	279	0.14	3.6	3.37	85.7	40 / 18	100	
-	262.129m	UL, CB	11.0	279	0.14	3.6	3.37	85.7	40 / 18	1000	
260.137c	262.137c	UL, CB	14.0	355	0.14	3.6	4.00	101.0	40 / 18	100	
260.219c	262.219c	UL, CB	7.5	192	0.18	4.8	1.87	47.5	50 / 22	100	
260.219m	262.219	UL, CB	7.5	192	0.18	4.8	1.87	47.5	50 / 22	1000	
260.228c	262.228c	UL, CB	11.0	285	0.18	4.8	3.00	77.7	50 / 22	100	
260.239c	262.239c	UL, CB	14.0	355	0.18	4.8	4.00	101.6	50 / 22	100	
260.243c	262.243c	UL, CB	17.0	432	0.18	4.8	4.75	120.6	50 / 22	100	
260.320c	-	UL, CB	8.0	207	0.30	7.6	2.06	52.3	120 / 55	100	
-	<i>262.337c</i> [^]	UL, CB	14.0	355	0.30	7.6	4.06	103.0	120 / 55	100	
260.338c	262.338c	UL, CB	15.0	380	0.30	7.6	4.06	103.0	120 / 55	100	
-	262.345L	UL, CB	18.0	459	0.31	8.0	5.25	133.5	120 / 55	50	
260.361L	262.361L	UL, CB	24.0	620	0.30	7.6	7.00	177.8	120 / 55	50	
-	<i>262.480c</i> [^]	UL, CB	31.0	791	0.34	8.6	11.00	279.4	175 / 80	100	
260.499L	262.499L	UL, CB	48.0	1224	0.34	8.6	14.50	368.0	175 / 80	50	

Information subject to change without notice. Part No. in italics with '^' are discontinued products and available while supplies last





Cold Weather Cable Ties

A special additive allows these cable ties to be more flexible compared to standard cable ties during the installation process. Ideal for applications where cable ties are left outside during cold weather.



- **Applications:** environments subject to extremely cold temperatures (both storage and installation), food processing, outdoor use.
- **Operating temperature:**
 - Minimum installation temperature: -40° C (-40° F)
 - Minimum operating temperature: -40° C (-40° F)
 - Maximum operating temperature: +65° C (+149° F)

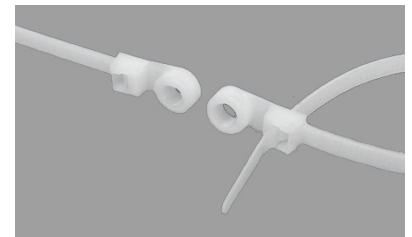
Cold Weather Cable Ties (Order by Part No.)

Part No.	Approvals	Length		Width		Maximum Bundle Diameter		Tensile Strength lb/kg	Pack	Tool
		in	mm	in	mm	in	mm			
266.219C		7	178	0.18	4.8	1.87	47.5	50/22	100	500.110
266.228C		11	280	0.18	4.8	3.00	77.7			
266.239C		14	356	0.18	4.8	4.00	101			
266.338C		14	356	0.30	7.6	4.06	101	120/55	100	500.111





Information subject to change without notice

Mounting-Hole Cable Ties

These ties are manufactured with a mounting hole for quick fixing to the panel.



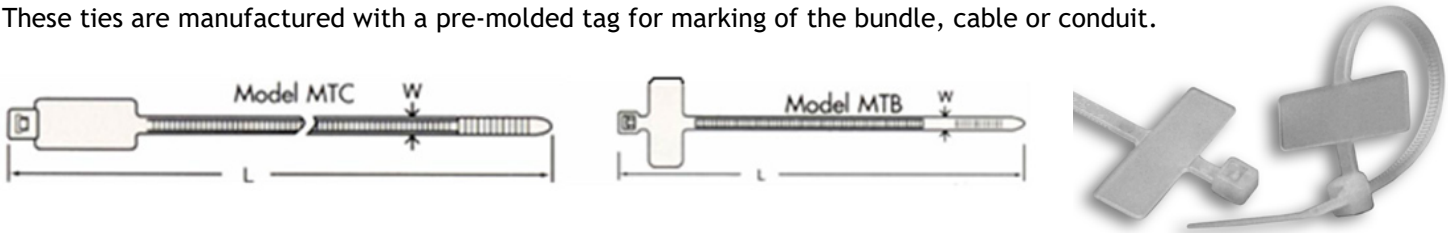
Mounting-Hole Cable Ties (Order by Part No.)

Part No. (natural)	Approvals	Length		Width		Maximum Bundle Diameter		Hole Size	Tensile Strength lb/kg	Pack	Tool
		in	mm	in	mm	in	mm	Stud/mm			
263.115c		5.0	127	0.13	3.5	1.25	31.7	#8 / 4	30 / 18	100	500.110
263.221c		7.0	179	0.17	4.5	1.75	44.4	#10 / 5	50 / 22		
263.237c		14.0	355	0.17	4.5	4.00	101.6	#10 / 5	50 / 22		
263.337c		14.0	355	0.30	7.6	4.00	101.0	¼" / 6.4	120 / 55		





Information subject to change without notice - Part NO. in italics with '*' are discontinued products and available while supplies last

I.D. Cable Ties

These ties are manufactured with a pre-molded tag for marking of the bundle, cable or conduit.



I.D. Cable Ties (Order by Part No.)

Part No. (natural)	Approvals	Length		Width		Maximum Bundle Diameter		Tensile Strength lb/kg	Model	Pack	Tool
		in	mm	in	mm	in	mm				
264.010c		4.0	101	0.10	2.5	0.75	19.0	18 / 8	MTB	100	500.110
<i>264.020m^</i>		7.7	196	0.10	2.5	1.97	50.0	18 / 8	MTB	1000	
264.219c		7.0	179	0.18	4.6	1.89	40.0	50 / 22	MTC	100	
264.227c		14.0	355	0.19	4.8	2.95	75.0	50 / 22	MTC	100	

Information subject to change without notice - Part Nos. in italics with '^' are discontinued products and available while supplies last

Stainless-Steel Cable Ties

Features and specifications:

- **Ideal Applications:** harsh, corrosive, and salt-water environments, chemical and radiation exposure, temperature extremes, food processing, and vibrating equipment with high mechanical requirements
- Ball Locking mechanism provides ease of insertion and high tensile strength of cable ties
- **Material:** 316 Stainless steel
- **Approvals:** cULus type 2 (# E244590)



Uncoated Stainless-Steel Cable Ties (Order by Part No.)

Part No.	Approvals	Length		Width		Maximum Bundle Diameter		Tensile Strength lb/kg	Pack	Tool
		in	mm	in	mm	in	mm			
265.315c	c ^{UL} _{us}	6.0	150	0.19	4.8	0.85	20	150/68	100	500.112
265.320c	c ^{UL} _{us}	8.0	200	0.19	4.8	2.00	51	150/68		
265.339c	c ^{UL} _{us}	14.0	365	0.19	4.8	4.00	101	150/68		
265.350c	c ^{UL} _{us}	20.0	500	0.19	4.8	5.50	139	150/68		
265.415c	c ^{UL} _{us}	6.0	150	0.30	7.5	0.85	20	300/136		
265.420c	c ^{UL} _{us}	8.0	200	0.30	7.5	2.00	51	300/136		
265.439c	c ^{UL} _{us}	14.0	365	0.30	7.5	4.00	101	300/136		
265.450c	c ^{UL} _{us}	20.0	500	0.30	7.5	5.50	139	300/136		

Information subject to change without notice

Cable Tie Tightening Tools

ITC cable tightening tools are cost-effective, safe and practical. Minimal effort is required in operation.

Tighten and cut with one tool: Insert the cable tie into its appropriate slot and ratchet it tight by depressing the trigger of the tool. The EXAC-TITE and AP-900 will automatically cut off the tie once it has reached its optimal tension, while the TG6 needs only quick depression of the cutting handle to cut off the excess tie.



EXAC-TITE



TG6

Features and specifications:

- **Versatility:**
 - **Model EXAC-TITE:** automatic flush cut-off on 18-50 lbs. tensile strength cables, 2.2-4.8mm (~ 3/32--3/16") wide. Adjustable in 3 levels of tension to avoid over or under tightening.
 - **Model TG6:** manual flush cut-off on cable ties up to 175 lbs. tensile strength, and up to 9mm wide.
 - **Model AP900:** automatic cut-off on 100-300 lbs. stainless steel cable ties. Adjustable in 4 levels of tension.
- **Sturdiness:** the metal body and the oversized moving parts make these tools extremely durable in normal service

Cable Tie Tools (Order by Part No.)

Part No.	Model	Cable tie type	Cable Tie width	Length	Weight
500.110	EXAC-TITE	PA 6.6 (Nylon) / plastic; 18-50 lbs.	2.2 - 4.8mm	160mm (6.3")	300g; (0.66 lbs.)
500.111	TG6	PA 6.6 (Nylon) / plastic; 18-175 lbs.	3.6 - 9mm	195mm (7.7")	290g; (0.63 lbs.)
500.112	AP900	Stainless Steel; 100-300 lbs.	-	180mm (7.1")	500g; (1.1 lbs.)

Information subject to change without notice



AP900

Mounting Bases for Cable Ties





ITC offers several models of accessories and devices to mount Cable Ties in any type of wiring installation.



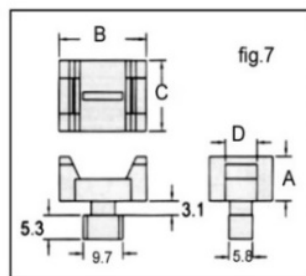
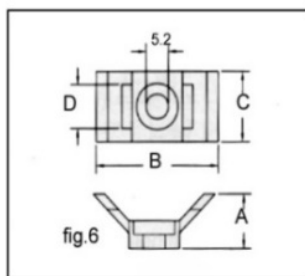
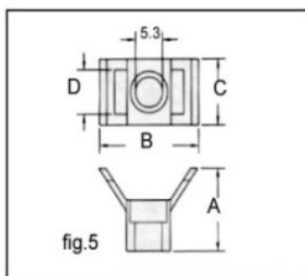
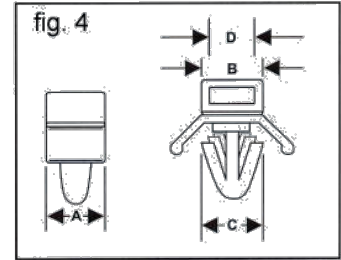
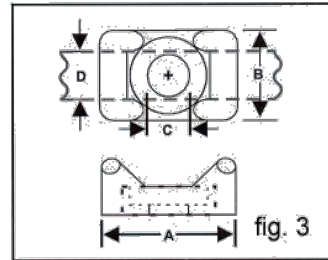
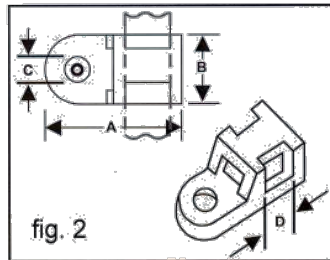
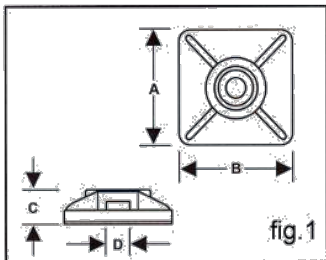
Features and specifications:

- Colours: Natural (white) or Black
- Material: Flame retardant Polyamide 6 (Nylon) UL94V2
- Adhesive: _____ (see table below for products with adhesive)
- Operating Temperature, adhesive bases: 18 to 70°C
- Approvals, adhesive bases: CSA type 11 (# 207196), cULus type 11 (# E168851)

Mounting Bases (Order by Part No.)

Part No. (natural)	Part No. (black)	Appr.	Type	Dimensions								Pack	Fig.
				A		B		C		D			
				in	mm	in	mm	in	mm	in	mm		
269.011	269.021	 	Adhesive back	0.75	19.0	0.75	19.0	0.19	4.9	0.177	4.5	100	1
269.012	269.022	 	Adhesive back	1.10	28.0	1.10	28.0	0.20	5.0	0.200	5.0		1
269.031	n.a.		Push-mount	0.25	6.4	0.24	6.1	0.19	4.8	0.157	4.0		4
269.032			Push-mount	0.39	10.0	0.41	10.6	0.25	6.2	0.319	8.1		4
103.000			Saddle	0.75	19.0	0.38	9.5	0.14	3.5	0.200	5.0		2
103.001			Saddle	0.59	15.0	0.39	10.0	0.12	3.0	0.200	5.0		3
103.002			Saddle	0.90	23.0	0.63	16.0	0.24	6.0	0.350	9.0		3
103.003			Saddle	0.69	17.5	0.90	23.0	0.54	13.8	0.374	9.5		5
103.004			Saddle	0.46	11.6	1.18	30.0	0.58	14.7	0.366	9.3		6
269.050				Mount on Alum. profile	0.38	9.7	0.84	21.3	0.61	15.5	0.382		9.7

Information subject to change without notice



General Purpose Clamps

Strap-Type Wire and Cable Clamps

These simple to use, economical wire management devices provide support for cables, conduit, wire, wire bundles and hydraulic/pneumatic tubing. The inside edges of the clamps are smooth, to protect the cable or wire insulation.



Applications:

- Electrical, electronic and Mechanical panels
- Machinery
- Light duty Hydraulic and Pneumatic equipment

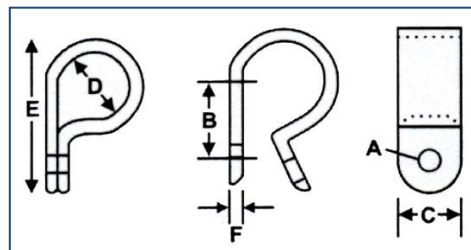
Features and specifications:

- **Cable range:** (O.D.): from 3.2mm (~1/8") to 36.5mm (~1½")
- Three adjustable mounting hole models also available
- **Colours:** Natural (white) or Black
- **Packaging:** 100 pieces
- **Mounting:** To apply, snap the clamp around the cable, wire, tube or conduit, then mount with a single screw, bolt or rivet (not supplied). Mounting hole diameter "A" for ranges from 4.6mm to 5.0mm (~0.18" to 0.20")
- **Material:** Flame retardant, low-halogen Polyamide 6 (Nylon) UL94V2
- **Operating Temperature:** Maximum +90°C

Strap-Type Wire and Cable Clamps (Order by Part No.)

Part No. (white)	Part No. (black)	Model	Offset B	Width C	Length E	Thickness F	Maximum O.D. cable	
							mm	in
103.103	103.104	UC00	9.5	9.6	19.8	1.4	3.20	1/8"
103.105	-	UC05	10.5	9.6	19.8	1.4	4.80	3/16"
103.106	103.107	UC10	12.0	10.0	22.0	1.4	6.35	¼"
103.108	-	UC15	12.0	10.0	22.0	1.5	7.90	5/16"
103.110	103.111	UC20	12.5	12.0	24.0	1.5	9.50	3/8"
103.112	103.113	UC30	15.2	12.0	31.0	1.5	12.70	½"
103.116	-	UC40	18.2	12.0	34.3	1.5	15.80	5/8"
103.120	-	UC50	18.2	12.0	35.0	1.5	19.40	¾"
103.125	103.124*	UC60	22.0	12.0	43.0	1.8	25.40	1"
103.126	-	UC65	24.0	12.0	50.0	1.8	27.50	1-1/16"
103.132	-	UC70	26.2	12.0	46.2	1.8	31.80	1-1/4"
103.137	103.138*	UC90	30.0	12.0	50.0	1.8	36.70	1-1/2"
Adjustable models:							Range mm	Range inches
103.146	-	PC0406	-	13.0	-	1.6	4.8 - 6.4	3/16" - ¼"
103.149	-	PC0609	-	13.0	-	1.6	6.7 - 9.5	¼" - 3/8"
103.154	-	P0914	-	13.0	-	1.6	9.5 - 14.3	3/8" - 9/16"

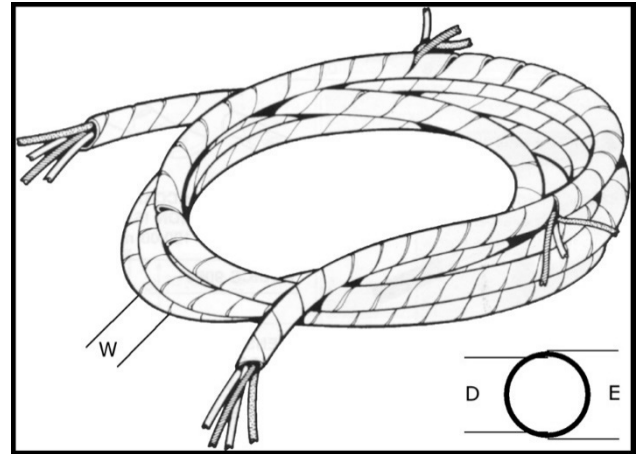
Information subject to change without notice - All dimensions in mm except where indicated. * Special order only



Spiral Wrapping Band

Features and specifications:

- Bundles cables, wire and tubing together efficiently and economically
- Highly flexible, for use in both static and dynamic applications
- Wrapping ranges can extend well beyond rated values, helping reduce stock
- **Material:** Polyethylene; offers excellent insulation and binding strength
- **Colour:** Natural and Black
- **Length:** 100ft (30.48m) on a cardboard spool



Spiral Wrap on Spools (order by Part No.)

Part No.	Outer dia. (E)		Inner Dia. (D)		Pitch (W)		Wrapping range		Colour	Pack Type
	in	mm	in	mm	in	mm	in	mm		
271.006S	.236	6	.161	4.1	.276	7.0	.161 - .98	4 - 25	Natural	Spool
271.008S	.315	8	.236	6	.425	10.8	.236 - 1.18	6 - 30	Natural	Spool
271.012S	.472	12	.354	9	.547	13.9	.354 - 1.26	9 - 32	Natural	Spool
271.019S	.748	19	.590	15	.717	18.2	.590 - 1.97	15 - 50	Natural	Spool
271.024S	.945	24	.787	20	.772	19.6	.787 - 3.94	20 - 100	Natural	Spool
271.106S	.236	6	.161	4.1	.276	7.0	.161 - .98	4 - 25	Black	Spool
271.108S	.315	8	.236	6	.425	10.8	.236 - 1.18	6 - 30	Black	Spool
271.112S	.472	12	.354	9	.547	13.9	.354 - 1.26	9 - 32	Black	Spool
271.119S	.748	19	.590	15	.717	18.2	.590 - 1.97	15 - 50	Black	Spool
271.124S	.945	24	.787	20	.772	19.6	.787 - 3.94	20 - 100	Black	Spool

Information subject to change without notice

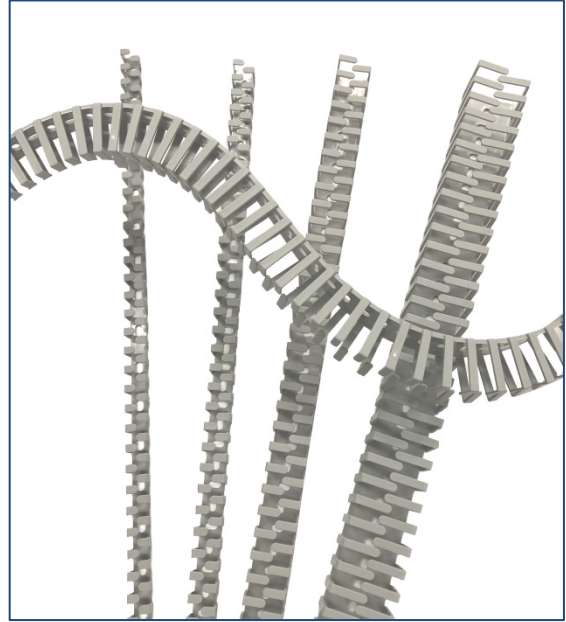


Flexible Wire Duct

ITC presents Canalflex flexible wire duct for use in control panels, automation systems, machinery.

Features and specifications:

- **Extremely flexible:** because of the design of the fingers, Canalflex can be bent to sharp angles without risk of damage to the wires or to the wire duct itself
- **Safe:** the "fingers" completely wrap the wires, preventing their escaping from the duct. No cover is required
- **Practical:** absence of a cover allows clear visibility of the wires inside the duct
- **Easy to cut:** use the exclusive ITC Wire duct cutter for precise, effortless cuts
- **Easy to mount:** Canalflex is available:
 - With adhesive backing - simply peel off the protective tape and apply: designed for resisting 80°C
 - Without adhesive backing - use 4mm (3/16") screws or rivets (not supplied)
- **Material:** Nylon 6 (Flame Retardant UL94V2)



Flexible Wire Duct and Accessories (Order by Part No.)

Part No.	Description	Length	Package
222.100	Flexible wire duct, grey, 12.5x12.5mm (0.49x0.49")	500mm (19.7")	10 pieces
222.404	Flexible wire duct, grey, 16x16mm (0.63x0.63")	500mm (19.7")	10 pieces
222.120	Flexible wire duct, grey, 16x16mm (0.63x0.63")	500mm (19.7")	10 pieces
222.101	Flexible wire duct, grey, 20x20mm (0.79x 0.79") - NEW	500mm (19.7")	10 pieces
222.303	Flexible wire duct, grey, 30x30mm (1.18x1.18")	500mm (19.7")	10 pieces
222.202	Flexible wire duct, grey, 40x40mm (1.58x1.58")	500mm (19.7")	5 pieces
222.150	Flexible wire duct, grey, 50x50mm (1.97x1.97") - NEW	500mm (19.7")	5 pieces
232.100	Flexible wire duct with adhesive back, grey, 12.5x12.5mm (0.49x0.49") - NEW	500mm (19.7")	10 pieces
232.404	Flexible wire duct with adhesive back, grey, 16x16mm (0.63x0.63")	500mm (19.7")	10 pieces
232.120	Flexible wire duct with adhesive back, grey, 20x20mm (0.79x 0.79") - NEW	500mm (19.7")	10 pieces
232.101	Flexible wire duct with adhesive back, grey, 25x25mm (0.98x0.98")	500mm (19.7")	10 pieces
232.303	Flexible wire duct with adhesive back, grey, 30x30mm (1.18x1.18")	500mm (19.7")	10 pieces
232.202	Flexible wire duct with adhesive back, grey, 40x40mm (1.58x1.58")	500mm (19.7")	5 pieces
232.150	Flexible wire duct with adhesive back, grey, 50x50mm (1.97x1.97") - NEW	500mm (19.7")	5 pieces
210.993	Plastic rivet, black	-	100 pieces
500.101	Wire duct cutter	-	1 piece

Information subject to change without notice





Wire Duct

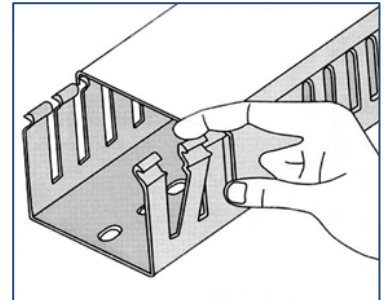
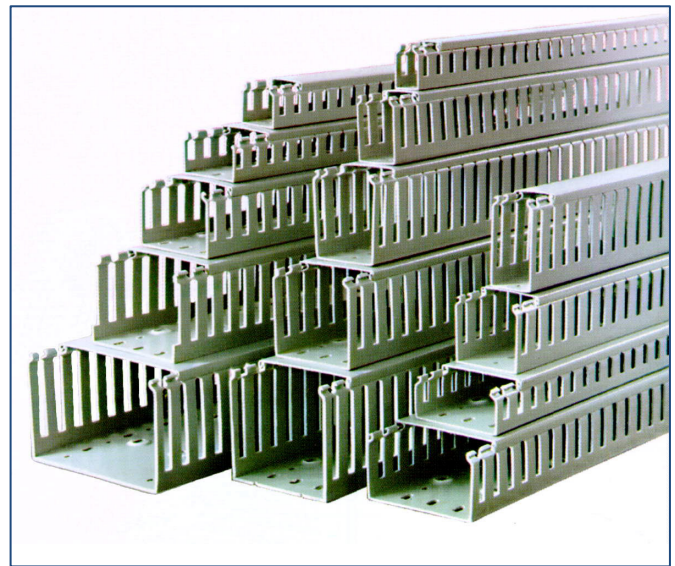
High quality PVC wire duct (trunking / channel) in sizes varying from 1x1” to 6x4” and several designs are available. The unique cover locking design prevents slipping of the cover, even under vibration. The specially designed slots ensure that wires remain in slots when the cover is removed. Cutting or abrasions are prevented by the smooth, rounded edge design of the channels and covers.

Features and specifications:























- Available with Thin Slot (4mm), Wide Slot (8mm), or Non-slotted (Solid)
- Supplied in 2m lengths; covers are included
- **Material:** PVC, UL 94-V0 flammability rating
- **Operating Temperature (UL):** Max 50°C (-122°F)
- **Approvals:** CSA (# 082854), cURus (# E97527)

ITC offers specialized tools designed to quickly cut without burrs, wire duct and cover up to 125mm (4 ½”) wide.

- **Accessories:** Mounting rivets; cable tie attachments; fixing lugs
- **Tools:**
 - Manual wire duct cutter (Part No. 500.101)
 - Bench-Mount wire duct cutters (Part Nos. 520.001 and 520.011)
 - Notching tools for wire duct



Grey Wire Duct (Order by Part No.)

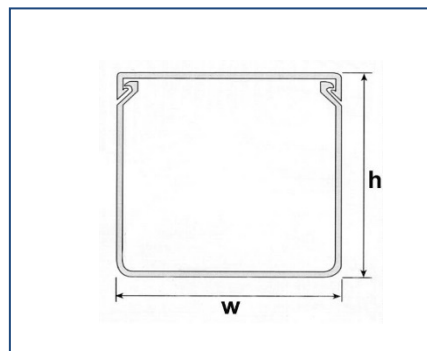
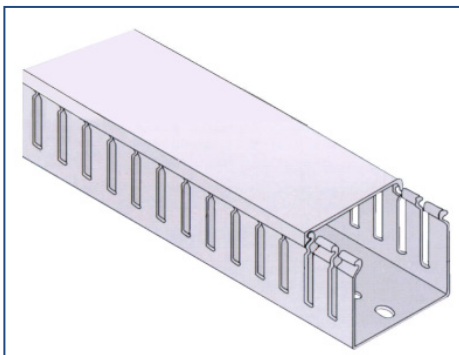
Description	Approvals	Dimensions Width x Height mm (in)	Part No.		Pack Qty (m)	Part No. Wide Slot Grey*	Pack Qty (m)
			Solid Grey	Thin Slot Grey			
Cover	-	25mm wide (1")	212.100		2		
Wire duct		25x25mm (1" x 1")	210.101	212.101	48	211.101*	176
Wire duct		25x40mm (1" x 1.5")	210.102*	212.102	48	211.102*	112
Wire duct		25x60mm (1" x 2.25")	210.103	212.103	60	211.103*	84
Wire duct		25x80mm (1" x 3")	210.104*	212.104	48	211.104*	56
Cover, 40mm	-	40mm wide (-1.5")	212.200^		2		
Wire duct		40x40mm (1.5" x 1.5")	210.202	212.202	64	211.202*	76
Wire duct		40x60mm (1.5" x 2.25")	210.203	212.203	40	211.203*	56
Wire duct		40x80mm (1.5" x 3")	210.204	212.204	28	211.204*	56
Wire duct		40x100mm (1.5" x 4")	-	212.205	20	211.205*	48
Cover, 60mm	-	60mm wide (-2.25")	212.300^		2		
Wire duct		60x40mm (2.25" x 1.5")	210.302	212.302	48	211.302*	52
Wire duct		60x60mm (2.25" x 2.25")	-	212.303	28	211.303*	36
Wire duct		60x80mm (2.25" x 3")	210.304	212.304	16	211.304*	40
Wire duct		60x100mm (2.25" x 4")	-	212.305	12	211.305*	32
Cover, 80mm	-	80mm wide (-3")	212.400^		2		
Wire duct		80x40mm (3" x 1.5")	210.402*	212.402	32	211.402*	48
Wire duct		80x60mm (3" x 2.25")	210.403*	212.403	24	211.403*	40
Wire duct		80x80mm (3" x 3")	210.404	212.404	16	211.404*	32
Wire duct		80x100mm (3" x 4")	-	212.405	12	211.405*	24
Cover, 100mm	-	100mm wide (-4")	212.500^		2		
Wire duct		100x40mm (4" x 1.5")	-	212.502	28	211.502*	40
Wire duct		100x60mm (4" x 2.25")	-	212.503	16	211.503*	32
Wire duct		100x80mm (4" x 3")	-	212.504	12	211.504*	24
Wire duct		100x100mm (4" x 4")	210.505	212.505	8	211.505*	20
Wire duct		120x60mm (4.5 x 2.25")	-	212.603	8	211.603*	24
Wire duct		120x80mm (4.5" x 3")	-	212.604	8	211.604*	20
Wire duct rivet, black, plastic			210.993		100		

* available upon request

^ fits solid, thin slot and wide slot wire duct

Information subject to change without notice

All wire duct is supplied in lengths of 2m (~78"), complete with cover.





ELECTRICAL COMPONENTS

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Compact IP68 Connectors



Terminal Blocks



Terminal Strips



Screwless Parallel Connectors



22.5mm Pushbuttons



LED Indicators



Control Stations



Limit Switches



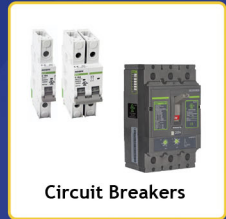
Micro Limit Switches



Safety Switches



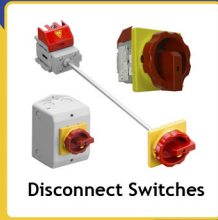
Foot Switches



Circuit Breakers



IEC Contactors



Disconnect Switches



Midget and CC Fuse Holders



Tower Lights



Power Continuity



Ferrules



Colour Coded Lugs



Crimp Terminals



Termination Kits



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Assembly Tables



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Crimping Tools



Hole Cutting & Punching Tools

SOME OF OUR MANUFACTURING PARTNERS

