



FINE MANUFACTURERS AND DISTRIBUTORS OF ELECTRICAL INSTALLATION EQUIPMENT
CABLE MANAGEMENT SPECIALISTS

STAINLESS STEEL CABLE TIE DATA SHEET

Stainless Steel Cable Ties (Ball Lock Type), Standard

- Self-locking head design speeds installation and locks into place at any length along tie body
- Provides a strong, durable method of cable bundling
- Can be used in a wide range of indoor, outdoor, and underground (including direct burial) applications
- Smooth surfaces and rounded edges assures cable protection and worker safety
- Provide the ultimate support for network cables
- 304 stainless steel for general-purpose applications
- Temperature range: -80°C-+538°C (-112°F-+1000°F)
- Any Length are available
- Water absorption: None
- Flammability: non-flammable
- Ultraviolet resistance: excellent
- Chemical resistance: excellent
- Listed with UL & C-UL

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Nylon Cable Ties

- Internal serrations allowing for a positive hold onto cable and pipe bundles.
- The design of the head guarantees a high tensile strength while allowing a very low insertion force.



Material: UL approved Nylon 6/6
Compliant with:
REACH Substances of Very High
Concern (SVHC) Directives

Operating Temperature Range: -40°C to +85°C

Fire Resistance in Accordance with UL94: V2

Water Absorption in balance at 23°C and 50%: 2.5%

Chemical Resistance: Solvents and reagents, oils,
(At low temperature and low concentrations petrol, hydrocarbons
and for short times)

Does not resist mineral
acids, Oxidising agents

Approvals

Underwriter Laboratory

The Underwriters Laboratories which issue a Self-Extinguishing Certificate to manufacturers of plastic materials that specify specific requirements are defined as 'self-extinguishing in accordance with the UL 94 standard'.

The certification is issued exclusively for the raw material. The self-extinguishing classification of nylon is UL94 V2, which means that the materials in the test sample self-extinguish within 30 seconds of being lit without spreading the flame.

Black cable ties are halogen free for low smoke/fume applications.

UV stabilised for outdoor use (black ties only).





SPECIALISED WIRING ACCESSORIES LTD

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Cable Tie Ref *	Dimensions mm	Max. Bundle Dia. mm	Min. Loop Tensile Strength (kgs)
CT100-2.5	100 x 2.5	20	8
CT160-2.5	160 x 2.5	39	8
CT200-2.5	200 x 2.5	50	8
CT140-3.6	140 x 3.6	31	18
CT200-3.6	200 x 3.6	47	18
CT300-3.6	300 x 3.6	75	18
CT160-4.8	160 x 4.8	35	22
CT200-4.8	200 x 4.8	47	22
CT250-4.8	250 x 4.8	62	22
CT300-4.8	300 x 4.8	76	22
CT370-4.8	370 x 4.8	96	22
CT430-4.8	430 x 4.8	115	22
CT200-7.8	200 x 7.8	47	55
CT240-7.8	240 x 7.8	56	55
CT300-7.8	300 x 7.8	73	55
CT370-7.8	370 x 7.8	92	55
CT450-8.0	450 x 8.0	117	55
CT540-8.0	540 x 8.0	147	55
CT750-8.0	750 x 8.0	208	80
CT530-9.0	530 x 9.0	160	80
CT710-9.0	710 x 9.0	192	80
CT780-9.0	780 x 9.0	223	80
CT500-12.6	500 x 12.6	146	114
CT1000-12.6	1000 x 12.6	285	114
CT580-13.0	580 x 13.0	155	114

* Suffix N- Natural or B- Black

Pack Qty: 100



Storage Conditions

Cable ties and related accessories are manufactured from high quality virgin nylon 66 resin. One particular property of this material is that it both absorbs and releases moisture. For optimal performance, the cable ties will need to contain between 2 - 3 % of the moisture. All packaging is designed to keep the moisture at this specific level.

To ensure maximal performance, cable ties should be kept in accordance with the following storage conditions:

- The ideal storage climate for cable ties is between 15 - 30°C (with 50% humidity)
- Do not store or use the cable ties in direct sunlight (except for UV property ties);
- Always store the cable ties in a sealed polythene bag;
- Cable ties should be used shortly after opening the package;
- Do not store the cable ties next to equipment such as machinery, radiators or fan heaters.

Product Technical Data Sheet - Nylon Cable Ties

Non-Releasable Nylon Cable Ties

Description:

Our high quality cable ties are manufactured from zero halogen Ascend 21SPC Nylon 6.6 material and are available in black and natural.

Our cable ties can be installed by hand or by using one of our tensioning tools.

Applications:

Nylon cable ties are highly versatile. They are suitable for securing cables or wire bundles, pipes and hoses and are widely used by the electrical and electronic industries. Our wide range of sizes from 80mm up to 1220mm offer a fixing solution for many applications.

Specification:

Operating Temperature range:	-40°C to +85°C
Flame Resistance:	UL94 V2 self extinguishing, zero halogen.
LSF Classification:	Fully conforms to BSEN 61034-2 regarding smoke density percentage. Tested to ASTM D-2843 and achieved a smoke density average of 7%.
Tensile Strength:	as attached matrix
Chemical Properties:	high resistance to: brake fluids, lubricants, power steering fluids, oil, grease, paints, lacquers, detergents, animal and vegetable fats, gasoline and alkalis up to 40%.
Recommended Storage temp:	+15°C to +30°C at 50% humidity.

Do not store or use in direct sunlight. (except for UV resistant ties)
Store in the original packaging.
Use as soon as possible after opening.

Although Nylon cable ties have a wide operating temperature range it is not recommended that they be stored or installed at extremes of temperature.



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Non-Releasable Nylon Cable Ties

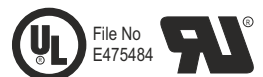
Standard range

Packed in bags of 100.

HFC 80 up to HFC 200 are also available in bags of 1000.

Part Number	Length (mm)	Width (mm)	Max Bundle Diameter (mm)	Min. Tensile Strength (kg)	Black	Natural
HFC 80	80	2.5	15	8	Yes	Yes
HFC 100	100	2.5	18	8	Yes	Yes
HFC 120	120	4.8	24	22	Yes	Yes
HFC 140	140	3.6	33	18	Yes	Yes
HFC 160	160	4.8	38	22	Yes	Yes
HFC 200	200	4.8	50	22	Yes	Yes
HFC 250	250	4.8	50	22	Yes	Yes
HFC 300	300	4.8	76	22	Yes	Yes
HFC 365	365	4.8	102	22	Yes	Yes
HFC 430	430	4.8	110	22	Yes	Yes
HFC 530	530	4.8	140	22	Yes	Yes
HFC 160L	160	2.5	40	8	Yes	Yes
HFC 200L	200	2.5	50	8	Yes	Yes
HFC 200I	200	3.6	50	18	Yes	Yes
HFC 300L	300	3.6	76	18	Yes	Yes
HFC 150H	150	7.6	36	55	Yes	Yes
HFC 200H	200	7.6	50	55	Yes	Yes
HFC 240H *	240	7.6	66	55	Yes	Yes
HFC 300H	300	7.6	76	55	Yes	Yes
HFC 370H	370	7.6	100	55	Yes	Yes
HFC 430H	430	9.0	110	75	Yes	Yes
HFC 530H	530	9.0	140	75	Yes	Yes
HFC 710H	710	9.0	190	75	Yes	Yes
HFC 940H	940	9.0	280	75	Yes	Yes
HFC 1220H *	1220	9.0	375	75	Yes	No
HFC 580EH	580	12.7	152	113	Yes	Yes

Please specify required colour when ordering.

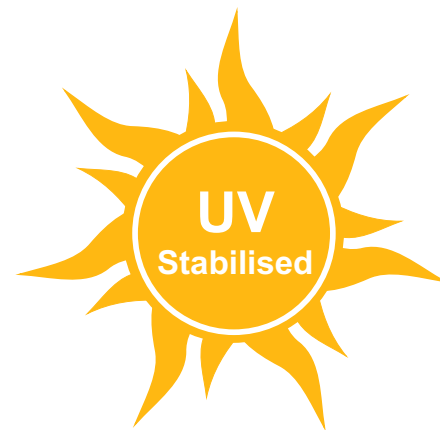


UV Stabilised Range

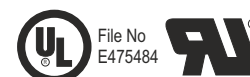
Manufactured from DuPont Zytel 105 UV-Stabilised Nylon 6.6

Designed to offer a long service life for exterior applications.
Flame retardant to UL94 V2.

Packed in bags of 100.



Part Number	Length (mm)	Width (mm)	Max Bundle Diameter (mm)	Min. Tensile Strength (kg)	Black	Natural
HFC 100 UVB	100	2.5	18	8	Yes	No
HFC 140 UVB	140	3.6	33	18	Yes	No
HFC 200 UVB	200	4.8	50	22	Yes	No
HFC 300 UVB	300	4.8	76	22	Yes	No
HFC 365 UVB	365	4.8	102	22	Yes	No
HFC 530 UVB *	530	4.8	140	22	Yes	No
HFC 160L UVB	160	2.5	40	8	Yes	No
HFC 200I UVB	200	3.6	50	18	Yes	No
HFC 300L UVB *	300	3.6	76	18	Yes	No
HFC 300H UVB *	300	7.6	76	55	Yes	No
HFC 370H UVB	370	7.6	100	55	Yes	No
HFC 530H UVB	530	9.0	140	75	Yes	No
HFC 710H UVB	710	9.0	190	75	Yes	No
HFC 1030EH UVB *	1030	12.7	302	113	Yes	No



Nylon Cable Ties Tensioning Tools



TT 1

Automatic Tensioning and cutting tool to suit ties from 2.2 to 4.8mm wide.



TT 3

Tensioning tool which manually cuts ties from 3.6 to 9.0mm wide.



TT 4

Automatic Tensioning and cutting tool to suit ties up to 13mm wide.



UL: Cable ties are listed by the Underwriters laboratory, File number E475484.

Items marked * are pending approval.