PARTEX MARKING SYSTEMS
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Product Technical Data Sheet - Nylon Cable Ties

Non-Releasable Nylon Cable Ties



Description:

Our high quality cable ties are manufactured from zero halogen DuPont Zytel 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.
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.

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.

RoHS Compliant

R.E.A.C.H Compliant

File No E475484

UL: Cable ties are listed by the Underwriters laboratory, File number E475484.
Items marked * are pending approval.

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 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.

RoHS Compliant

R.E.A.C.H Compliant

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