

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.

Partex Marking Systems (UK) Ltd

61-64 Station Road, Coleshill, Birmingham B46 1JT

Tel: 01675 463670 Fax: 01675 463520 Email: sales@partex.co.uk

Non-Releasable Nylon Cable Ties

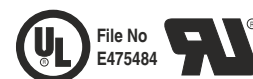
Standard range

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.



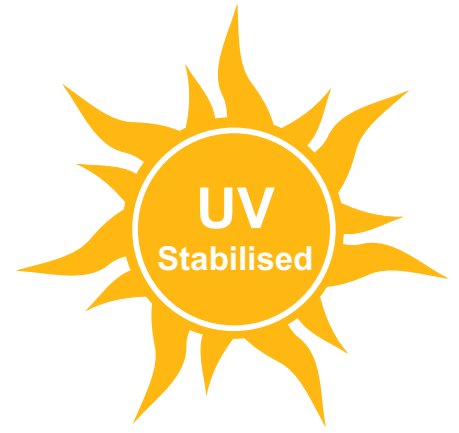
UL: Cable ties are listed by the Underwriters laboratory, File number E475484.

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.



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