

Datasheet - Nylon Cable Ties

Product description

Manufactured from virgin nylon 6/6 resin and are suitable for a variety of applications, such as cable binding or harnessing. The ties have internal serrations allowing for a positive hold onto cable and pipe bundles. The design of the head guarantees a high tensile strength while allowing for a very low insertion force



Technical Data

The ties have been third party tested by UL (Underwriters Laboratories) to the internationally recognised standard UL 62275. The performance test results along with material and storage recommendations are detailed below, please note that these testing values are maximums and safety factors appropriate to your application should be used:

| COMPOSITION | MATERIAL | |
|-----------------------------|---|---------------|
| Nylon | 66 resin | |
| TEST CATEGORY | RESULT | TEST/STANDARD |
| Operating Temperature Range | - 40° to + 85° | UL 62275 |
| UV Resistance | Yes (black only) | UL 62276 |
| Material Flame Rating | *V-2 Pass | UL 62277 |
| Water Absorption | **2.5% | N/A |
| Chemical Resistance | ***Solvents and reagents, oils, petrol, hydrocarbons | N/A |
| STORAGE | RECOMMENDATIONS | |
| Temperature | 23° (50% humidity) | |
| Location | Keep away from heat sources (i.e., machines, radiators, or fan heaters) | |
| Packaging | Try to avoid leaving ties in open bags | |

* V2 test pass = burning stops within 30 seconds on a vertical specimen once the needle flame is removed

**At 23° and 50% humidity

*** At low temperature and low concentrations for short periods



| 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

