**3M** **Data Sheet**

# NYLON CABLE TIES

**3M** Cable-ties secure wire bundling and harness components quickly, without slipping. The self-locking head assures the 3M reliability our customers are expecting.

Molded from UL approved 6/6 Nylon, **3M** cable-ties are designed to meet a wide range of temperatures from –40°C to 85°C  (Normal service temperature) and –10°C to 60°C (Application temperature range).
Raw material is self-extinguishing V-2 according to UL94.

They are available in variety of sizes, including *weather resistant black nylon (*) with high loading of carbonate nylon for outdoor use and natural nylon for indoor use only.*

(*) Raw material meets UL weatherability testing in accordance with UL 746C.

| Natural Black | 3M P/N (100 pcs) | Size mm | Max Bundle Diameter (mm) | Min. Tensile Strength (N) | Designation |
|---|---|---|---|---|---|
| N | FS-100 A-C | 100 x 2.5 | 25 | 80 | Miniature |
| B | FS-100 AW-C | 100 x 2.5 | 25 | | |
| N | FS-140 A-C | 142 x 2.5 | 35 | | |
| B | FS-140 AW-C | 142 x 2.5 | 35 | | |
| N | FS-160 A-C | 160 x 2.5 | 44 | | |
| B | FS-160 AW-C | 160 x 2.5 | 44 | | |
| N | FS-200 A-C | 203 x 2.5 | 55 | | |
| B | FS-200 AW-C | 203 x 2.5 | 55 | | |
| | | | | | |
| N | FS-140 B-C | 142 x 3.2 | 35 | 180 | Intermediate |
| B | FS-140 BW-C | 142 x 3.2 | 35 | | |
| N | FS-150 B-C | 150 x 3.6 | 39 | | |
| B | FS-150 BW-C | 150 x 3.6 | 39 | | |
| N | FS-200 B-C | 203 x 3.6 | 55 | | |
| B | FS-200 BW-C | 203 x 3.6 | 55 | | |
| N | FS-290 B-C | 292 x 3.6 | 85 | | |
| B | FS-290 BW-C | 292 x 3.6 | 85 | | |
| | | | | | |
| N | FS-160 C-C | 160 x 4.8 | 42 | 220 | Standard |
| B | FS-160 CW-C | 160 x 4.8 | 42 | | |
| N | FS-200 C-C | 200 x 4.8 | 55 | | |
| B | FS-200 CW-C | 200 x 4.8 | 55 | | |
| N | FS-280 C-C | 280 x 4.8 | 81 | | |
| B | FS-280 CW-C | 280 x 4.8 | 81 | | |
| | FS-370 C-C | 370 x 4.8 | 102 | | |
| | FS-370 CW-C | 370 x 4.8 | 102 | | |
| N | FS-390 C-C | 385 x 4.8 | 116 | | |
| B | FS-390 CW-C | 385 x 4.8 | 116 | | |

| N | FS-200 D-C | 203 x 7.6 | 55 | 550 | Heavy Duty |
|---|---|---|---|---|---|
| B | FS-200 DW-C | 203 x 7.6 | 55 | | |
| N | FS-280 D-C | 280 x 7.6 | 78 | | |
| B | FS-280 DW-C | 280 x 7.6 | 78 | | |
| N | FS-380 D-C | 380 x 7.6 | 110 | | |
| B | FS-380 DW-C | 380 x 7.6 | 110 | | |
| N | FS-500 D-C | 500 x 7.6 | 133 | 800 | Heavy Duty |
| B | FS-500 DW-C | 500 x 7.6 | 133 | | |
| B | FS-550 DW-C | 550 x 9.0 | 166 | | |
| B | FS-760 DW-C | 762 x 9.0 | 236 | | |

- ## 3M Product Number definition : FS

### Product numbers have been designed to identify length, width, color, and quantity per bag. For example :

FS  100  A  W  -  C

Product prefix :

FS = Nylon cable-ties

Product length (mm)

Product width (mm) :

A : 2.5mm

B : 3.6mm

C : 4.8mm

D : 7.6mm

W = Weather resistant (Black with Carbonate A added for greater resistance to UV in outdoor usage)

C = 100 / Bag