

FB
FN

Nylon cable ties

white (FB) / black (FN)



PA 6.6

Quality materials

High quality polyamide 6.6 (also known as nylon 6.6), which ensures: **sturdiness, rigidity** and hardness, **dimensional stability**, also in the presence of temperature variations, and **abrasion resistance**



Eco-friendly

Compliant to EU Directive 2015/863 (RoHS 3)
Halogen Free

EN 62275

Standard Compliant

International Standard **IEC EN 62275** relating to cable ties for electrical

installations defines the requirements and tests to accurately determine its features such as **installation diameters**, and **installation and operating temperatures, flame propagation** and **tensile strength** both under normal conditions and after thermal cycles

Tensile strength

It is the main parameter when choosing a cable tie. In accordance with IEC CEI EN 62275 it is expressed in **Newton**, where $1 \text{ N} = 1 \text{ kg} \times 9.81 \text{ m/s}^2$. To obtain the load value in kg starting from the one shown in Newton, simply divide the latter by 9.81 (i.e. by 10, with good approximation).

For example, 220 N corresponds to a maximum load of about 22 kg (more precisely $22.4 = 220 / 9.81$)

Compliance **CEI EN 62275**

Self-extinguishing (UL 94) **V2**

Operating temperature range
-40 °C / +85 °C

180 | e



CE Marking



Directive EU 2015/863
(RoHS 3) Compliant



Halogen free

APPLICATIONS

- Wiring and fixing of cables, flexible hoses and pipes
- Also suitable for outdoor applications (FN series)

FEATURES

- Nylon (PA 6.6)
- Carbon black additivated (FN series)



FB
white



FN
black

| size length x width (mm) | bundle diameter min-max (mm) | tensile strength (N) * | pack. (pcs) | min./mult. ord. (pk) |
|--------------------------|------------------------------|------------------------|-------------|----------------------|
| 75 x 2,5 | 2 - 13 | 80 | 100 | 150 |
| 100 x 2,5 | 3 - 20 | 80 | 100 | 150 |
| 135 x 2,5 | 3 - 32 | 80 | 100 | 125 |
| 160 x 2,5 | 4 - 39 | 80 | 100 | 100 |
| 200 x 2,5 | 4 - 50 | 80 | 100 | 100 |
| 140 x 3,5 | 3 - 33 | 180 | 100 | 100 |
| 200 x 3,5 | 5 - 47 | 180 | 100 | 60 |
| 280 x 3,5 | 7 - 75 | 180 | 100 | 65 |
| 360 x 3,5 | 7 - 96 | 180 | 100 | 40 |
| 160 x 4,5 | 5 - 35 | 220 | 100 | 50 |
| 180 x 4,5 | 4 - 45 | 220 | 100 | 50 |
| 200 x 4,5 | 5 - 47 | 220 | 100 | 50 |
| 250 x 4,5 | 5 - 62 | 220 | 100 | 50 |
| 280 x 4,5 | 7 - 70 | 220 | 100 | 50 |
| 360 x 4,5 | 7 - 96 | 220 | 100 | 40 |
| 380 x 4,5 | 7 - 101 | 220 | 100 | 35 |
| 430 x 4,5 | 7 - 115 | 220 | 100 | 25 |
| 200 x 7,5 | 7 - 47 | 530 | 100 | 25 |
| 240 x 7,5 | 7 - 56 | 530 | 100 | 20 |
| 280 x 7,5 | 8 - 68 | 530 | 100 | 20 |
| 360 x 7,5 | 8 - 92 | 530 | 100 | 15 |
| 450 x 7,5 | 11 - 117 | 530 | 100 | 10 |
| 540 x 7,5 | 15 - 147 | 530 | 100 | 10 |
| 750 x 7,5 | 12 - 205 | 530 | 100 | 1 |

| ref./ item | ref./ item |
|----------------|----------------|
| FB07525 | FN07525 |
| FB10025 | FN10025 |
| FB13525 | FN13525 |
| FB16025 | FN16025 |
| FB20025 | FN20025 |
| FB14035 | FN14035 |
| FB20035 | FN20035 |
| FB28035 | FN28035 |
| FB36035 | FN36035 |
| FB16045 | FN16045 |
| FB18045 | FN18045 |
| FB20045 | FN20045 |
| FB25045 | FN25045 |
| FB28045 | FN28045 |
| FB36045 | FN36045 |
| FB38045 | FN38045 |
| FB43045 | FN43045 |
| FB20075 | FN20075 |
| FB24075 | FN24075 |
| FB28075 | FN28075 |
| FB36075 | FN36075 |
| FB45075 | FN45075 |
| FB54075 | FN54075 |
| FB75075 | FN75075 |

* 1 kg ≈ 10 N