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|  | TECHNICAL DATA SHEET | Reference | FT BN ingles |
| | | Date | 08/09/14 |
| | | Revision | 2 |
| | | Page | 1 de 5 |
| Designation: Nylon cable ties | | Codes | BN, BB, BNCO, BNID, BNBA, TACOBRI |

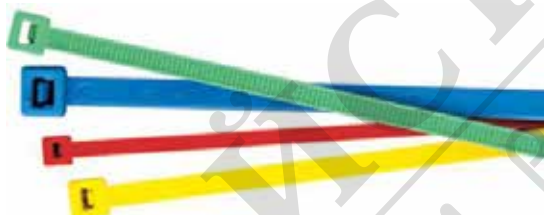
BB



BN



BNCO



BNID



BNPL



BNBA



TACOBRI




TACOBRI



TACOBRI



| | | | |
|---|-----------------------------|-----------|-----------------------------------|
|  | TECHNICAL DATA SHEET | Reference | FT BN ingles |
| | | Date | 08/09/14 |
| | | Revision | 2 |
| | | Page | 2 de 5 |
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1.-CHARACTERISTICS

- Dented nylon cables ties in 6.6 polyamide for the fixing of wire-tree attachments, sockets, pipes and packaging.
- Available accessories: identification nylon cable ties, two way bases with adhesive, identification plaque badges.
- In natural, black or colours
- Black nylon cable ties manufactured with polyamide and black carbon: for external applications (higher resistance to ultraviolet radiation).
- High resistance to alkaline, oils, fats, oil products, chlorinated solvents.
- Limited resistance to acids.
- No resistance to tar acids.
- Halogen free resins.
- UL-Approved cable ties according to Regulation No. E343871
- CE approval according to 2006/95/EC regulation.




2.- MATERIALS

| COMPONENT | MATERIAL |
|---|---------------------------------|
| BB, BNID, BNPL, BBANA, TACOBRI BL, TACOBRI GR | Polyamide 6.6 |
| BN, BBANE, TACOBRI NE | Polyamide 6.6 with black carbon |

Raw material properties:

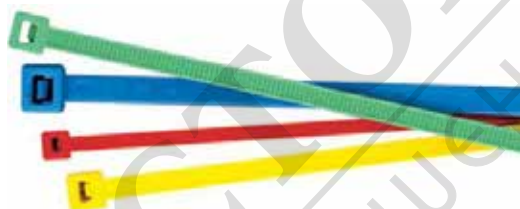
- Humidity absorption: 2.5% @ 50% de relative humidity
- Working temperature: -40 a +85°C
- Installation temperature: -10 a +60 °C
- Maximum permissible temperature: +110 °C in a short period of time
- Melting point: +260 °C
- Oxygen index limit (LOI): 27 %
- Flammability ratio: UL94 class V2
- Dielectric resistance: 50.000 volts/mm
- Halogen free resin: Yes
- Resistance to UV radiation: white nylon ties: no
black nylon ties: yes

| | | | |
|---|-----------------------------|-----------|-----------------------------------|
|  | TECHNICAL DATA SHEET | Reference | FT BN ingles |
| | | Date | 08/09/14 |
| | | Revision | 2 |
| | | Page | 3 de 5 |
| Designation: Nylon cable ties | | Codes | BN, BB, BNCO, BNID, BNBA, TACOBRI |

3.- ASSEMBLY VERSIONS

3.1. Coloured nylon ties:

- RO: red RAL 3000
- AM: yellow RAL 1021
- VE: green RAL 6032
- AZ: blue RAL 5010



3.2. Identification nylon cable ties:

Nylon cable ties with a piece of 9.1 x 20.4 mm at the extreme to allow identification. White. Codes: BID 25110 y BID25210



3.3. Identification plaque badges for nylon cable ties:

Nylon Identification plaque badge. Piece of 26.4 x 16.2 mm, valid for nylon ties up to 4.8 mm wide. White. Code: BPL02616



3.4. Bases with adhesive:

Two way bases with adhesive for fixing of nylon cable ties to surfaces. Codes:

- BBANA19: 19 x 19 mm, white, for nylon cable ties up to 4 mm wide
- BBANA27: 27 x 27 mm, white, for nylon cable ties up to 6 mm wide
- BBANE19: 19 x 19 mm, black, for nylon cable ties up to 4 mm wide
- BBANE27: 27 x 27 mm, black, for nylon cable ties up to 6 mm wide




3.5. Cable Tie Plug:

- For fastening electrical cables and pipes to walls.
- Designed to attach a nylon tie to its head, in order to fasten the cables or cable pipe with it afterwards.
- It is installed by first drilling a hole in the base material and then hammering the plug on the head into the hole.
- The installation parameters for drilling the previous hole are minimum 45 mm. deep and Ø6mm or Ø8mm, depending on the size of the plug.

| Code | Colour | Hole Ø | Hole depth |
|------------|--------|--------|------------|
| TACOBLINE6 | Negro | 6 | 45 |
| TACOBRI6 | Blanco | 6 | 45 |
| TACOBLINE8 | Negro | 8 | 45 |
| TACOBRI8 | Blanco | 8 | 45 |
| TACOBRI8R | Gris | 8 | 45 |





| | | | |
|---|-----------------------------|-----------|-----------------------------------|
|  | TECHNICAL DATA SHEET | Reference | FT BN ingles |
| | | Date | 08/09/14 |
| | | Revision | 2 |
| | | Page | 4 de 5 |
| Designation: Nylon cable ties | | Codes | BN, BB, BNCO, BNID, BNBA, TACOBRI |

4.- DIMENSIONS




| Code | | W: Width [mm] | L: Length [mm] | Ø minimum fastening [mm] | Ø maximum fastening [mm] | Tensile strength ≥ [N] |
|-----------------------|-----------------------|---------------|----------------|--------------------------|--------------------------|------------------------|
| White nylon cable tie | Black nylon cable tie | | | | | |
| BID25110 ¹ | --- | 2.5 | 110 | 1 | 20 | 79 |
| BID25210 ¹ | --- | | 210 | 1 | 52 | |
| BB250802 ² | BN25080 ² | | 80 | 0.75 | 15 | |
| BB25100 ² | BN25100 ² | | 100 | 1 | 21 | |
| BB25140 ² | BN25140 ² | | 140 | 1 | 32 | |
| BB25160 ² | BN25160 ² | | 160 | 1 | 40 | |
| BB25200 ² | BN25200 ² | | 200 | 1 | 52 | |
| BB36140 ² | BN36140 ² | 3.6 | 140 | 2 | 35 | 178 |
| BB36200 ² | BN36200 ² | | 200 | 2 | 50 | |
| BB36300 ² | BN36300 ² | | 290 | 2 | 80 | |
| BB36370 ² | BN36370 ² | | 370 | 2 | 103 | |
| BB48120 ² | BN48120 ² | 4.8 | 120 | 2.5 | 24 | 218 |
| BB48160 ² | BN48160 ² | | 160 | 2.5 | 40 | |
| BB48180 ² | BN48180 ² | | 180 | 2 | 45 | |
| BB48200 ² | BN48200 ² | | 200 | 3 | 50 | |
| BB48250 ² | BN48250 ² | | 250 | 3 | 68 | |
| BB48290 ² | BN48290 ² | | 290 | 3.5 | 79 | |
| BB48370 ² | BN48370 ² | | 370 | 3.5 | 103 | |
| BB48430 ² | BN48430 ² | 430 | 3.5 | 115 | | |
| BB76150 | BN76150 | 7.8 | 150 | 3.5 | 45 | 534 |
| BB76200 | BN76200 | | 200 | 4 | 51 | |
| BB76290 | BN76290 | | 290 | 4 | 80 | |
| BB76370 | BN76370 | | 370 | 8 | 100 | |
| BB76450 | BN76450 | | 450 | 35 | 130 | |
| BB76540 | BN76540 | 540 | 35 | 158 | | |
| BB88720 | BN88720 | 9.0 | 720 | 32 | 233 | 779 |
| BB12250 | BN12250 | 12.5 | 225 | 7.5 | 57 | 1080 |
| BB12500 | BN12500 | | 500 | 30 | 143 | |
| BB12720 | BN12720 | | 720 | 30 | 213 | |
| BB12850 | BN12850 | | 850 | 40 | 255 | |
| BB12100 | BN12100 | | 1000 | 40 | 302 | |

1 Cable ties with identification plaque badge

2 Approved cable ties

10 N ≈ 1 Kg

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|---|-----------------------------|-----------|-----------------------------------|
|  | TECHNICAL DATA SHEET | Reference | FT BN ingles |
| | | Date | 08/09/14 |
| | | Revision | 2 |
| | | Page | 5 de 5 |
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5.- EXAMPLES OF USE

