
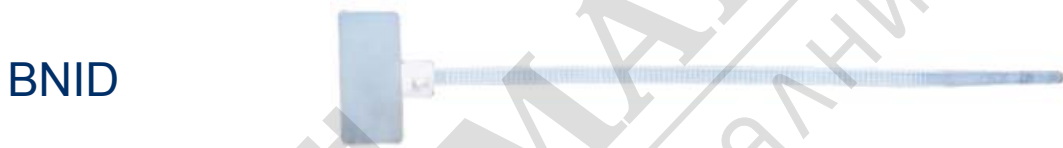
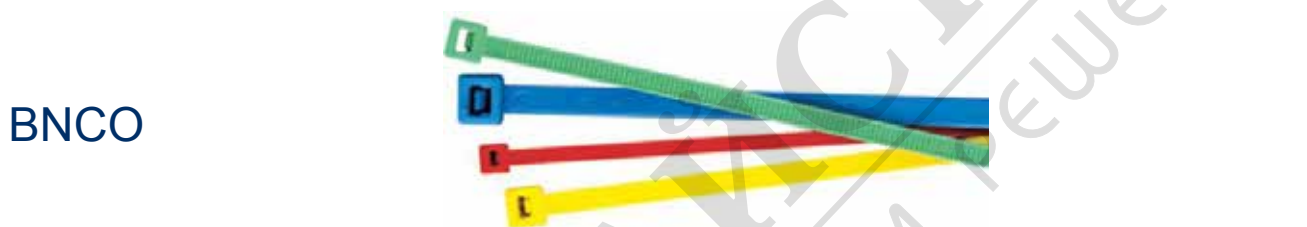

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Designation: Nylon cable ties		Codes	BN, BB, BNCO, BNID, BNBA, TACOBRI



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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

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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 $\varnothing 6$ mm or $\varnothing 8$ mm, depending on the size of the plug.

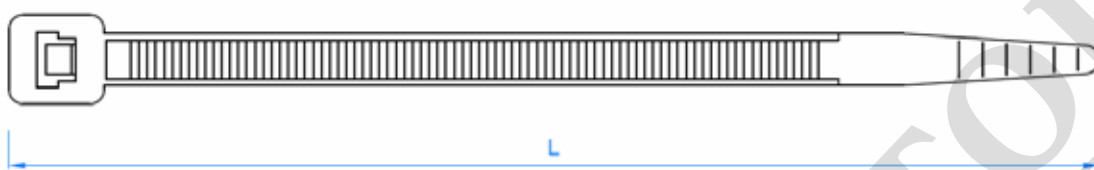
Code	Colour	Hole \varnothing	Hole depth
TACOBRIINE6	Negro	6	45
TACOBRIIBL6	Blanco	6	45
TACOBRIINE8	Negro	8	45
TACOBRIIBL8	Blanco	8	45
TACOBRIIGR8	Gris	8	45





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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	
BB25080 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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5.- EXAMPLES OF USE

