

Parre, 27/06/2005

DICHIARAZIONE DI CONFORMITA' **DECLARATION OF CONFORMITY**

PRODOTTO: Fascette per cablaggi

Famiglia 839

PRODUCT: Cable ties for electrical installations

Type series no. 839

I Prodotti sopra elencati sono stati progettati e costruiti secondo la/e norma/e di seguito elencata/e:

Product(s) mentioned above is(are) designed and manufactured to the following standard(s):

EN 50146

"Cable ties for electrical installations"

I materiali plastici utilizzati per la produzione dei prodotti sopra elencati presentano le seguenti caratteristiche:

- Tecnopolimeri autoestinguenti (Glow-wire 650°C)
- Assenza di alogeni

Plastic materials used for the production of the above mentioned products have the following characteristics:

- Self extinguishing thermoplastic material (Glow-wire test 650°C)
- Halogen free

Other characteristics:

Cable ties (cod. 839.4xxxx and 839.5xxxx)

These cable ties are made of polyamide (PA) 6.6 and meet MIL-S-23190 requirements. This material features improved tensile strength when compared to PA 12, but is more sensitive to the action of UV rays and should not be exposed to direct sunlight. They are especially suitable for internal wiring in switchboards.

MAIN CHARACTERISTICS

• material	PA 6.6.
• yield strength	58 N/mm ²
• ultimate elongation	200%
• density	1.14
• water absorption	1% (at 23°C)
• service temperature	between -40°C and +85°C
• flammability	UL 94 V2
• melting point	256-260°C

Cable ties for outdoor wiring ((cod. 839.39/xxxx)

The choice of raw material is for these ties is important: it must be polyamide 11 or 12 (PA 11, PA 12) to meet the requirements of MIL standards. It must be able to withstand the direct action of UV rays without becoming brittle. (It is not difficult to imagine the consequences if cable ties holding together long wires broke in critical weather conditions).

MAIN CHARACTERISTICS

• material	black PA 12
• yield strength	23.5 N/mm ²
• yield elongation	25%
• ultimate tensile stress	60 N/mm ²
• ultimate elongation	370%
• density	1.03
• water absorption	0.9% (at 20°C and 65% rF) 1.7% (at 20°C and 100% rF)
• installation temperature	between -30°C and +60°C
• service temperature	between -60°C and +80°C
• flammability	UL 94 HB

Cable ties (cod. 839.4xxxx and 839.5xxxx)

- Made of self-extinguishing thermoplastic material
- Colour: Natural or Black
- Good resistance to external agents: oil, grease, oil derivatives, alcohol, saline mist and chlorates
- Do not withstand UV rays

DIMENSIONS mm	GRIP CAPACITY MIN-MAX Ø mm	TENSILE STRENGTH Kg	PACK QTY.	CATALOGUE NUMBER	CATALOGUE NUMBER
				□ colour ■	
2.4 x 75	1.5+15	6	100/2000	839.42080	839.52080
2.5 x 95	1.5+18	8	100/2000	839.42100	839.52100
2.5 x 135	1.5+30	8	100/2000	839.42120	839.52120
2.5 x 160	1.5+40	8	100/2000	839.42160	839.52160
2.5 x 200	1.5+50	8	100/2000	839.42200	839.52200
3.6 x 140	1.5+35	13	100/2000	839.43140	839.53140
3.6 x 200	1.5+50	13	100/2000	839.43200	839.53200
3.6 x 290	1.5+80	13	100/2000	839.43300	839.53300
3.6 x 365	1.5+100	13	100/2000	839.43370	839.53370
4.8 x 180	1.5+45	22	100/2000	839.44190	839.54190
4.8 x 200	1.5+45	22	100/2000	839.44200	839.54200
4.8 x 250	1.5+60	22	100/2000	839.44250	839.54250
4.8 x 290	1.5+75	22	100/2000	839.44300	839.54300
4.8 x 360	1.5+100	22	100/2000	839.44370	839.54370
4.8 x 430	1.5+110	22	100/2000	839.44430	839.54430
7.6 x 180	4.5+45	55	100/2000	839.47200	839.57200
7.6 x 300	4.5+80	55	100/2000	839.47290	839.57290
7.6 x 365	4.5+100	55	100/2000	839.47370	839.57370
9 x 780	4.5+230	55	100/1000	839.47780	839.57780

Cable ties for outdoor wiring (cod. 839.39/xxxx)

- Made of self-extinguishing thermoplastic material
- Colour: Black
- Good resistance to external agents: oil, grease, oil derivatives and saline mist
- Withstands UV rays
- Rounded edges to avoid cutting into cable insulation

DIMENSIONS mm	GRIP CAPACITY MIN-MAX Ø mm	TENSILE STRENGTH Kg	COLOUR	PACK QTY.	CATALOGUE NUMBER
6 x 115	4÷25	25	■	100/2000	839.39/6115
6 x 175	10÷45	28	■	100/2000	839.39/6175
9 x 120	4÷22	48	■	100/2000	839.39/9120
9 x 180	10÷42	48	■	100/2000	839.39/9180
9 x 260	26÷62	55	■	100/2000	839.39/9260
9 x 350	55÷92	55	■	100/2000	839.39/9350

SCAME PARRE s.p.a.
Technical Director



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