

CABLE TIES // 2-LOCK™ //

# 2-LOCK™ CABLE TIES



2-LOCK™ cable ties have an innovative locking system (patented) based on an over-moulded stainless steel cage with double tooth which ensures mechanical performance superior to any other cable tie on the market.

The double tooth acts on the cable tie body in a symmetrical way, allowing an higher tensile strength value compared to the cable ties with single steel tooth.

The body of 2-LOCK™ cable tie is perfectly smooth from both sides; this helps to contain the insertion force which is lower than the competitors one and therefore facilitates the application. The absence of the rack on the body allows the "continuous closing adjustment" typical of this products ensuring a correct tensioning for each possible clamping diameter. The black cable ties are added with carbon black that gives an UV resistance for outside applications.

## TECHNICAL DATA

Raw material:	polyamide 6.6 with double stainless steel 316 tooth (cage).
Halogen-free.	
Humidity absorption:	2,7% (50% relative humidity).
Working temperature:	-40°C ÷ 85°C.
Installation temperature:	-40°C ÷ 60°C.
Flammability rating:	UL 94 class V2.
Resistance to external agents:	UV resistance (black colour), excellent resistance to aromatic solvents, oils, greases, petroleum products, high resistance to corrosion (stainless steel 316), good resistance to bases, limited resistance to acids; not resistant to phenols and to chloride solvents.

## APPROVALS/CERTIFICATIONS

Compliant with norm CEI EN 62275.



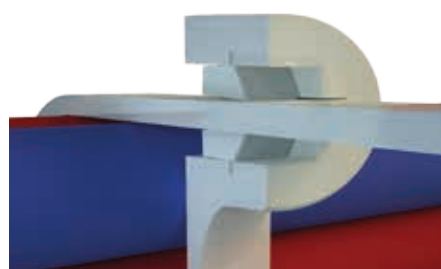
**HALOGEN FREE**

## APPLICATIONS

- ▶ Electrical installations.
- ▶ Industrial wiring.
- ▶ Automotive.
- ▶ Panel building.
- ▶ Special applications.

## BENEFITS

- ▶ Exclusive product (patented).
- ▶ Higher mechanical performances.
- ▶ Low insertion effort.
- ▶ Minimum installation temperature (-40°C).
- ▶ Rounded edges for the safest application.
- ▶ Resealable and recyclable bag.



## LINKED PRODUCTS:

Tools for cable ties, see pages 80



**2-LOCK CABLE TIES**

Code	Code	Dimensions*	Ø Bundle max	Tensile strength		Pack	Carton
				(mm)	(mm)		
Natural	Black	(mm)	(mm)	(kg)	(N)	pcs.	pcs.
1203	1303	2,5x100	21	18,36	180	100	15.000
1207	1307	2,5x200	50	18,36	180	100	8.000
1209	1309	3,5x140	35	25,50	250	100	7.000
1214	1314	3,5x200	50	25,50	250	100	7.000
1210	1310	3,5x290	80	25,50	250	100	4.500
1215	1315	4,5x200	50	36,72	360	100	4.000
1216	1316	4,5x250	68	36,72	360	100	4.500
1217	1317	4,5x290	80	36,72	360	100	3.500
1219	1319	4,5x360	101	36,72	360	100	3.000
1225**	1325	7,5x220	56	79,56	780	100	2.000
1227	1327	7,5x360	101	79,56	780	100	1.000

\* The nominal dimensions can slightly change according to utilized mould.

\*\* not DNV-GL certified.



The new resealable bag with seal of "first opening" and euro hole for display avoids the dispersion of the product after the first opening and allows the optimal preservation of the product inside so that the cable ties will keep unchanged the initial mechanical characteristics. The bag is completely recyclable; the label is made of plastic material so there is no need to detach from the bag to recycle it.

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