



Professional cable ties, in polyamide 6.6, having an innovative double locking system in stainless steel



EN 45545-2



E86244



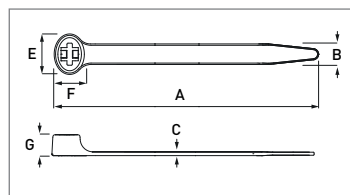
E86244



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ELE486822CS



COLORS

- Natural
- Black (UV resistant)

MATERIALS

Material: polyamide 6.6 natural and black UV stabilized

Halogen free

Material flammability rating:

UL 94-V2

Locking system: Cage with double

tooth in stainless steel AISI 316

UV resistant: black version

Excellent resistance to: aromatic solvents, oils, greases and derivatives.

Good resistance to: bases

Limited resistance to: acids

Not resistant to:

phenols and to chlorinated solvents

APPLICATION

Installation temperature:

-40°C ÷ 60°C

Working temperature:

-40°C ÷ 85°C

PRODUCTS CONFORMITY

CE marking: our products comply with the Low Voltage Directive 2014/35/EU and the cable ties are tested in accordance with CEI EN IEC 62275 "Cable management system – Cable ties for electrical installations".

Width 2,5 and 3,5 mm: Type 1

Width 4,5 and 7,5 mm: Type 2

REACH: The materials used to produce the cable ties comply with 1907/2006/CE (REACH)

PRODUCT CERTIFICATIONS



LISTED PRODUCTS - Products Type 21

Width 4,5 and 7,5 mm, File E86244 (reference standard UL 62275)



RECOGNIZED PRODUCTS - Products Type 11

Width 2,5 e 3,5 mm, File E86244 (reference standard UL 62275)

Technical Data

CODE		NOMINAL DIMENSIONS						BUNDLE DIAMETER	
Natural	Black	(mm) A	(mm) B	(mm) C	(mm) E	(mm) F	(mm) G	(mm) ø min	(mm) ø max
1203	1303	100	2,5	1	6,7	6	4	1,5	21
1207	1307	200	2,5	1	6,7	6	4	1,5	50
1209	1309	140	3,5	1,1	7,6	6	4,5	2	35
1210	1310	295	3,5	1,1	7,6	6	4,5	2	80
1214	1314	205	3,5	1,1	7,6	6	4,5	3	50
1215	1315	200	4,5	1,3	8,9	7	5,7	3	50
1216	1316	255	4,5	1,3	8,9	7	5,7	3	68
1217	1317	290	4,5	1,3	8,9	7	5,7	3,5	80
1219	1319	365	4,5	1,3	8,9	7	5,7	3,5	101
1225*	1325	220	7,5	1,5	14,2	10,9	8	10	55
1227	1327	360	7,5	1,5	14,2	10,9	8	12	100

Mechanical features and packaging

CODE		MECHANICAL FEATURES	PACKAGING	
Natural	Black	Newton (N) Tensile strength**	(pcs) Bag	(pcs) Box
1203	1303	150	100	15.000
1207	1307	150	100	8.000
1209	1309	250	100	7.000
1210	1310	250	100	4.500
1214	1314	250	100	7.000
1215	1315	360	100	4.000
1216	1316	360	100	4.500
1217	1317	360	100	3.500
1219	1319	360	100	3.000
1225	1325	780	100	2.000
1227	1327	780	100	1.500

* Not DNV certified

** Please consider a suitable safety factor equal or above 2



Type Approval Certificate
ELE486822CS (reference standard
IEC 62275, UL 62275, IEC 60092-
10: "Electrical installations in ships
– Part 101: Definitions and general
requirements")



Type Approval Certificate
n. TAE000000G
(reference standard
IEC 62275; DNV Type
Approval)

Fire Protection
on railway vehicles

Tests report n. 1116-1117.1IS0040/21
(reference standard UNI EN 45545-2:
"Railway applications - Fire protection on
railway vehicles Part 2 – Requirements
for fire behaviour of materials and
components").