



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



TYPE 2



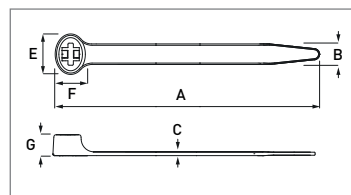
E86244



TAE000000G



EL6464220S



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

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".

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

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	120	100	15.000
1207	1307	120	100	8.000
1209	1309	220	100	7.000
1210	1310	220	100	4.500
1214	1314	220	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



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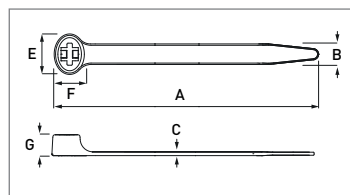
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ELE486422CS



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Application

CODE	Installation temperature: (°C)		Working temperature (°C)	
	Min.	Max	Min.	Max
1203	-40	60	-40	85
1207	-40	60	-40	85
1209	-40	60	-40	85
1210	-40	60	-40	85
1214	-40	60	-40	85
1215	-40	60	-40	85
1216	-40	60	-40	85
1217	-40	60	-40	85
1219	-40	60	-40	85
1225*	-40	60	-40	85
1227	-40	60	-40	85

CODE	Installation temperature: (°C)		Working temperature (°C)	
	Min.	Max	Min.	Max
1303	-40	60	-40	105
1307	-40	60	-40	105
1309	-40	60	-40	105
1310	-40	60	-40	105
1314	-40	60	-40	105
1315	-40	60	-40	105
1316	-40	60	-40	105
1317	-40	60	-40	105
1319	-40	60	-40	105
1325	-40	60	0	105
1327	-40	60	0	105

Recommended storage conditions:

- Storage temperature: 10°C ÷ 30°C
- Relative humidity: 50% ± 10% RH
- Protect from direct sunlight and UV exposure
- Keep away from heat sources and open flames
- Avoid contact with chemicals, solvents, acids and oxidizing agents
- Keep packages closed until use

Note:

Although black cable ties may contain UV stabilizers, prolonged exposure to direct sunlight during storage is not recommended, as it may affect long-term performance.

PRODUCT CERTIFICATIONS



LISTED PRODUCTS

Products Type 21, File E86244 (reference standard UL 62275) Compliant products CSA



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



Type Approval Certificate n. TAE000000G (reference standard IEC 62275; approval programme DNV)
* Not DNV certified

Fire Protection
on railway vehicles

Tests report n.327.1IS0040/26 (reference standard UNI EN 45545-2: "Railway applications - Fire protection on railway vehicles Part 2 – Requirements for fire behaviour of materials and components") only black version codes 13xx.