



Technical cable ties, in polyamide 6.6, for professional application



TYPE 2



E86244



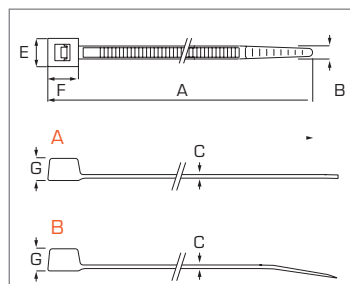
TAE00001DU



ELE464220S



13190/EO BV



COLORS

● Natural

● Black

MATERIALS

Material: polyamide 6.6 natural (+2% carbon black for black version)

Halogen free

Material flammability rating: UL 94-V2

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:

-10°C ÷ 60°C

Working temperature:

-40°C ÷ 85°C

Storage temperature:

10°C ÷ 30°C

Relative humidity: 50% ± 10% RH

Protect from direct sunlight and exposure to UV rays

Recommended storage conditions:

Keep away from sources of heat and open flames. Avoid contact with chemicals, solvents, acids and oxidising agents. Keep packaging sealed until ready for use

Technical Data

CODE		TYPE	NOMINAL DIMENSIONS						BUNDLE DIAMETER	
Natural	Black		(mm) A	(mm) B	(mm) C	(mm) E	(mm) F	(mm) G	(mm) ø min	(mm) ø max
5203C	5303C	B	98	2,5	1	4,7	4,7	3,9	1	21
5203	5303	B	98	2,5	1	4,7	4,7	3,9	1	21
5205C	5305C	A	135	2,5	1	4,6	4,6	3,9	1	32
5205	5305	A	135	2,5	1	4,6	4,6	3,9	1	32
5206C	5306C	A	160	2,6	1,1	4,9	4,9	4,1	1	40
5207C	5307C	B	200	2,6	1,1	4,9	4,9	4	2	51
5207	5307	B	200	2,6	1,1	4,9	4,9	4	2	51
5208	5308	A	370	3,5	1,4	6,2	6,7	4,5	2	103
5209C	5309C	B	140	3,5	1,1	6,1	6,7	5	2,5	32
5209	5309	B	140	3,6	1,1	6,2	6,1	4,4	2,5	32
5210C	5310C	A	290	3,5	1,3	6,2	6,7	4,5	3	79
5210	5310	A	290	3,5	1,3	6,2	6	4,5	3	79
5211C	5311C*	A	160	4,5	1,3	7,4	6,7	5,5	2,5	38
5213C	5313C*	B	178	4,8	1,2	7,7	6,9	5,5	2	45
5214C	5314C	B	200	3,5	1,2	6,1	6,7	4,5	3	50
5214	5314	B	200	3,5	1,2	6,1	6,7	4,5	3	50
5215C	5315C*	B	200	4,5	1,4	7,8	7,1	5,4	3	50
5215	5315*	B	200	4,5	1,4	7,8	7,1	5,4	3	50
5216C	5316C*	A	250	4,8	1,4	7,7	7,1	5,2	3	68
5217	5317*	A	290	4,5	1,5	7,8	7,2	5,4	3,5	78
5218	5318*	A	390	4,5	1,5	7,9	7,1	5,4	3,5	106
5219	5319*	A	360	4,5	1,5	7,8	7,1	5,4	3,5	100
5220	5320*	A	430	4,5	1,5	7,9	7,1	5,5	3,5	115
5223	5323*	A	180	7,8	1,7	12,8	9,7	6,8	3,5	42
5225	5325*	A	240	7,5	1,7	12,6	10,7	7,3	3,5	61
5226	5326	A	300	7,5	1,7	12,6	10,7	7,3	4	80
5227	5327*	A	365	7,5	1,7	12,8	10,9	7,5	8	100
5229	5329*	A	450	7,5	1,7	12,8	10,8	7,4	35	130
5231	5331*	A	540	7,5	1,7	12,8	10,8	7,4	35	158
5233	5333*	A	750	7,5	1,8	12,8	10,8	8,1	35	220
5234	5334*	A	780	9	1,9	14,5	12,7	7,8	34	233
5235	5335*	A	225	12,5	2	19,5	14,5	9,8	7,5	57
5237	5337*	A	500	12,5	2	19,5	15,2	10,2	30	143
5239	5339*	A	720	12,5	2	19,5	15,2	10,2	30	213
5241	5341*	A	850	12,5	2	19,5	14,8	10,4	40	255
5243	5343*	A	1000	12,5	2	19,5	14,8	10,4	40	302



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ELE466422CS



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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)

Note: Although the black cable ties may contain UV stabilisers, prolonged exposure to direct sunlight during storage is not recommended, as this may compromise their long-term performance.

Mechanical features and packaging

CODE		MECHANICAL FEATURES	PACKAGING	
Natural	Black	Newton (N) Tensile strength	(pcs) Bag	(pcs) Box
5203C	5303C	80	100	15000
5203	5303	80	1000	40000
5205C	5305C	80	100	12000
5205	5305	80	1000	30000
5206C	5306C	80	100	10000
5207C	5307C	80	100	8000
5207	5307	80	1000	25000
5208	5308	180	100	4000
5209C	5309C	180	100	7000
5209	5309	180	1000	20000
5210C	5310C	180	100	4500
5210	5310	180	1000	10000
5211C	5311C*	220	100	6000
5213C	5313C*	220	100	5000
5214C	5314C	180	100	7000
5214	5314	180	1000	15000
5215C	5315C*	220	100	4000
5215	5315*	220	1000	10000
5216C	5316C*	220	100	4500
5217	5317*	220	100	3500
5218	5318*	220	1000	5000
5219	5319*	220	100	3000
5220	5320*	220	100	5000
5223	5323*	540	100	2500
5225	5325*	540	100	2000
5226	5326	540	100	1500
5227	5327*	540	100	1500
5229	5329*	540	100	2500
5231	5331*	540	100	2000
5233	5333*	540	100	1200
5234	5334*	700	100	1000
5235	5335*	1080	50	2000
5237	5337*	1080	50	1000
5239	5339*	1080	50	600
5241	5341*	1080	50	600
5243	5343*	1080	50	500

* Produits Type 21S, File E86244

PRODUCT CERTIFICATIONS



LISTED PRODUCTS
Produits Type 21, File E86244
(reference standard UL 62275)
CSA conforming products



Type Approval Certificate
n. TAE00001DU (reference
standard IEC 62275; DNV Type
Approval)



Type Approval Certificate
n. ELE466422CS (reference
standard IEC 62275,
IEC 60092-10: "Electrical
installations in ships – Part
101: Definitions and general
requirements")



Certificate of Type Approval
n°13190/EO BV (reference
standard: IEC 62275;
Bureau Veritas Rules for the
Classification of Steel Ships)

Fire Protection
on railway vehicles

Tests report n.
1120-1121.1IS0040/21
(reference standard
UNI EN 45545-2: "Railway
applications - Fire protection
on railway vehicles Part 2 –
Requirements for fire behaviour
of materials and components")
referring to codes 53xx black.

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