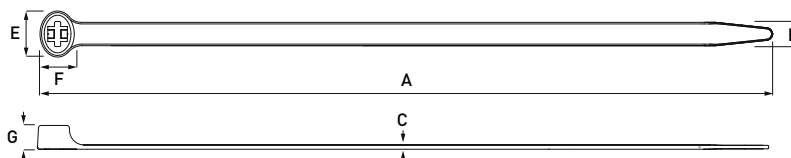


2-LOCK™

Cable tie with double metal tooth

Technical Data Sheet update to **18.04.2017** / pag. 1 of 1



APPLICATION

Installation temperature:
-40°C ÷ 60°C

Working temperature:
-40°C ÷ 85°C

Umidity absorption:
1,3% ÷ 1,5% (23°C - 50% R.H.)

MATERIALS

Material: polyamide 6.6 natural
(+1% carbon black for black version)
with double tooth in stainless steel
AISI 316 (cage)

Material flammability rating:
UL 94-V2

Halogen free

UV resistant (black version)

Excellent resistance to:
aromatic solvents, oils, greases, oil
derivates.

Good resistance to: bases

Limited resistance to: acids

Not resistant to:
phenols and to chlorinated solvents.

COLOURS

- Natural
- Black (UV resistant)

APPROVALS / CERTIFICATIONS

Omologations:



DNV-GL TAE000000G



UL E86244



UL E86244

EC Directives:

Material used to produces listed cable
ties comply with EC Directives:
- 2000/53/EC (ELV)
- 2012/19/EC (WEEE)
- 2003/11/EC

PATENTS:



DK2646338 (T3)
US D695601 S1

Products are tested according to
CEI EN 62275 - Cable Ties for
Electrical Installation

TECHNICAL DATA

CODE		NOMINAL DIMENSIONS						BUNDLE DIAMETER	
		mm	mm	mm	mm	mm	mm	mm	mm
Natural	Black	A	B	C	E	F	G	Ø min	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	1,15	7,6	6	4,5	3	34
1210	1310	295	3,5	1,15	7,6	6	4,5	4	82
1210/20	1310/20	295	3,5	1,15	7,6	6	4,5	4	82
1214	1314	205	3,5	1,15	7,6	6	4,5	4	50
1214/20	1314/20	205	3,5	1,15	7,6	6	4,5	4	50
1215	1315	200	4,5	1,3	8,9	7	5,7	4	50
1215/20	1315/20	200	4,5	1,3	8,9	7	5,7	4	50
1216	1316	255	4,5	1,3	8,9	7	5,7	4	69
1217	1317	290	4,5	1,3	8,9	7	5,7	5	80
1217/20	1317/20	290	4,5	1,3	8,9	7	5,7	5	80
1219	1319	365	4,5	1,3	8,9	7	5,7	5	102
1219/20	1319/20	365	4,5	1,3	8,9	7	5,7	5	102
1225*	1325	220	7,5	1,5	14,2	10,9	8	5	55
1227	1327	360	7,5	1,5	14,2	10,9	8	5	100
1227/20	1327/20	360	7,5	1,5	14,2	10,9	8	5	100

MECHANICAL FEATURES

PACKAGING

CODE		Tensile strength**	Laboratory test results	Insertion effort	PACKAGING	
		Newton [N]	Newton [N]	Newton [N]	Bag	Box
Natural	Black	Newton [N]	Newton [N]	Newton [N]	pcs	pcs
1203	1303	180	190 ÷ 220	<10	100	15.000
1207	1307	180	190 ÷ 220	<10	100	8.000
1209	1309	250	280 ÷ 320	<10	100	7.000
1210	1310	250	280 ÷ 320	<10	100	4.500
1210/20	1310/20	250	280 ÷ 320	<10	20	1.000
1214	1314	250	280 ÷ 320	<10	100	7.000
1214/20	1314/20	250	280 ÷ 320	<10	20	1.000
1215	1315	360	400 ÷ 450	<10	100	4.000
1215/20	1315/20	360	400 ÷ 450	<10	20	1.000
1216	1316	360	400 ÷ 450	<10	100	4.500
1217	1317	360	400 ÷ 450	<10	100	3.500
1217/20	1317/20	360	400 ÷ 450	<10	20	1.000
1219	1319	360	400 ÷ 450	<10	100	3.000
1219/20	1319/20	360	400 ÷ 450	<10	20	700
1225*	1325	780	800 ÷ 900	<10	100	2.000
1227	1327	780	800 ÷ 900	<10	100	1.500
1227/20	1327/20	780	800 ÷ 900	<10	20	500

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

* Not DNV-GL certified

Width 4,5 mm: UL Listed - Width 3,5 mm: UL Recognized