



TYPE APPROVAL CERTIFICATE

N. ELE120817CS001



This is to certify that the product below is found to be in compliance with the applicable requirements of the RINA type approval system.

<i>Description</i>	Cable Ties
<i>Type</i>	Series 2-Lock
<i>Applicant</i>	ITW Construction Products Italy Srl Viale Regione Veneto 5 35127 Padova Italy
<i>Manufacturer</i>	ITW Construction Products Italy Srl Via Edison 23 35010 Cadoneghe (PD) Italy
<i>Testing Standards</i>	IEC 62275 Ed. 2 – 2013; UL 62275 Ed. 2013-11; IEC 60092-101

Issued in **Genova** on **November 15, 2017**.

This certificate is valid until **November 15, 2022**

Valerio Bonanni

RINA Services S.p.A.

Valerio Bonanni



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Cable Ties Series 2-Lock with double stainless 316 tooth cage

Row materials (Black colour): Vydyne 25WSP – Poliamide 66 UV Stabilized

Row materials (Natural): Vydyne 21SP-C – Poliamide 66

Working temperature: - 40°C to 85°C

Installation temperature: - 40°C to 60°C

Flammability rating (Natural / black colour): UL 94 Class V2 and IEC 60092-101 ed. 4.1 , para. 2.28.2 _

Halogen free

CODE		Dimension (mm)	Bundle max (mm)	Tensile strength	
Natural	Black			(kg)	(N)
1203	1303	2,5x100	21	18,36	180
1207	1307	2,5x200	50	18,36	180
1209	1309	3,5x140	35	25,50	250
1214	1314	3,5x200	50	25,50	250
1210	1310	3,5x290	80	25,50	250
1215	1315	4,5x200	50	36,72	360
1216	1316	4,5x250	68	36,72	360
1217	1317	4,5x290	80	36,72	360
1219	1319	4,5x360	101	36,72	360
-----	1325	7,5x220	56	79,56	780
-----	1327	7,5x360	101	79,56	780

Test Reports:

IMQ doc. n. CN13S0205730-01 (09/05/2014) ref. to IEC 62275 ed. 2013

IMQ doc. n. MI15S0406989-01/1 (08/06/2015) ref. to IEC 62275 ed. 2013

IMQ doc. n. MI15S0406989-01/2 (08/06/2015) ref. to IEC 62275 ed. 2013

UL doc. n. ZODZ.E86244 (Flame class V2 - Natural)

UL doc. n. QMFZ2.E70062 (Flame class V2 - Black)

UL doc. n. E86244 - 664020 (2016/12/13) Mechanical tests

RINA Self extinguishing test report according to IEC 60092-101 para 2.28.2 _

Flame retardant test : doc. n. ITW 1/17 (27/10/2017)

Reference documents: ELEMATIC Catalogue " Fascette ed accessori " (2016)

General remarks: Cable Ties and Accessories to be used according to Manufacturer Instructions.