



TYPE APPROVAL CERTIFICATE

N. ELE312820CS

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

Description	Cable Ties
Type	Series GW 522 xx
Applicant	Gewiss S.p.A. Via A. Volta, 1 24069 Cenate Sotto Bergamo - Italy
Manufacturer	Gewiss S.p.A. Via A. Volta, 1 24069 Cenate Sotto Bergamo - Italy
Testing Standards	RINA Rules for the Classification of Ships

Issued in **Genova** on **October 12, 2020**

This certificate is valid until **October 12, 2025**

RINA Services S.p.A.

Luigi Benedetti



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Plastic cable ties for bundling cables and wires. (Standard IEC 62755)

Materials: polyamide 66 (Standard); Polyamide 66 charged with "A" carbonate (heavy duty)

Operating temperature -40 °C to +80°C

Fire resistant UL 94: HB o V2

Halogen-free: EN60754-2

Standard cable ties (Colourless)

Code	Size BxH	Tensile strength (daN)	Clamping capacity
GW52231	2.4 x 75	8	2-13
GW52232	2.5 x 96	8	2-19
GW52233	2.5 x 142	8	3-32
GW52234	2.5 x 203	8	4-50
GW52235	3.6 x 150	18	3-33
GW52236	3.6 x 203	18	5-47
GW52237	3.6 x 292	18	7-75
GW52238	4.8 x 190	18	4-45
GW52239	4.8 x 280	22	7-70
GW52240	4.8 x 368	22	7-96
GW52241	7.6 x 380	55	8-96
GW52242	9.0 x 610	80	11-162
GW52243	9.0 x 914	80	12-253

Heavy duty outdoor cable ties (Black)

Code	Size BxH	Tensile strength (daN)	Clamping capacity
GW52251	2.4 x 75	8	2-13
GW52252	2.5 x 96	8	2-19
GW52253	2.5 x 142	8	3-32
GW52254	2.5 x 203	8	4-50
GW52255	3.6 x 150	18	3-33
GW52256	3.6 x 203	18	5-47
GW52257	3.6 x 292	18	7-75
GW52258	4.8 x 190	18	4-45
GW52259	4.8 x 280	22	7-70
GW52260	4.8 x 368	22	7-96
GW52261	7.6 x 380	55	8-96
GW52262	9.0 x 610	80	11-162
GW52263	9.0 x 914	80	12-253

Reference Documents: GEWISS Technical information Ver. 2.1

Test Report: SGS N. KV-09-03571X-1 dated October 27, 2009.

Remarks:

Installation and use to be in accordance with the Manufacturer instruction

