



PROTOTYPE DESIGN ASSESSMENT CERTIFICATE
No. ELE447825CS

This is to certify that the product identified below is in compliance with the regulations herewith specified.

<i>Description</i>	CABLE TIES
<i>Type</i>	GW 522xx Series -
<i>Applicant</i>	GEWISS SPA VIA DOMENICO BOSATELLI 1 24069 Cenate Sotto (BG) ITALY
<i>Reference standards</i>	EN IEC 62275

This certificate is issued on request of the Manufacturer based on the PDA certification scheme according to RINA Rules for Testing and Certification of Marine Materials and Equipment

Issued in **Genova** on **October 12, 2025**. *This Certificate is valid until* **October 12, 2030**

RINA Services S.p.A.
Luigi Benedetti

This certificate consists of this page and 1 enclosure

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No. **ELE447825CS**
Enclosure - Page 1 of 1
GW 522xx Series -

Plastic cable ties for bundling cables and wires:

Technical Characteristics:

Flume corrosiveness: < 5%

Flame resistance in compliance with UL 94: V2

Service temperature range: -40°C to + 85°C (max. peaks 135°C)

Material: polyamide 66 (standard wiring), halogen-free in accordance with CEI EN 60754-2 (CEI EN 50267-2-2)
polyamide 66 charged with "A" carbonate (heavy duty wiring)

Oxygen limit index: 27% (standard wiring);
29% (heavy duty wiring)

Minimum installation temperature: -5°C

Dimension tables:

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 GW FIT: 52 FS - CABLE TIES_IT-EN (Version 2.3)

Codici GW certificato RINA

GEWISS SPA ISO 9001:2015 Certificate No. 9105.GEWI-1 (30/10/2024)

Test Reports:

UL Solution Test Report No. E97527: Positioning Devices (11/07/2024)

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

Remarks:

Installation and use to be in accordance with the Manufacturer instruction.

This Certificate annuls and replaces the previous No. ELE312820CS.

Offer No. 2025/28445 - Job: RS/2025/CS/01/4478

The documents above mentioned have been archived in the Leonardo Draw Plus portal under the project:

<https://leodrawplus.rina.org/projects/71828/detail>.

Genova October 12, 2025