



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

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*

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**RINA Services S.p.A.**  
*Luigi Benedetti*

This certificate consists of this page and 1 enclosure

**PROTOTYPE DESIGN ASSESSMENT CERTIFICATE**  
**No. ELE447825CS**  
**Enclosure - Page 1 of 1**  
**GW 522xx Series -**

**Plastic cable ties for bundling cables and wires:**

**Technical Characteristics:**

Flame 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**