



Technical data

Cable ties **22** in **PP**

Description

- For tying of cables and conduits in chemical applications, for indoor installations.
- Insulating halogen free material.
- Easy mounting and smooth threading.
- Colour: Grey.

Chemical resistance

- Hydrochloric acid: Concentration 10% Temp. 23°C .⁽¹⁾
- Sodium hydroxide: Concentration 10% temp. 55°C. ⁽¹⁾
- Zinc Chloride: Concentration 10% temp. 55°C. ⁽¹⁾

Quality Marks ⁽²⁾



EN 62275:2015
Licence n°: 030/001929



EN 62275:2015
Licence n°: NF004_1005/A1



EN 62275:2015
Licence n°:40012084

Approvals ⁽²⁾



Certificat d'Approbation de
type n° 2535D/04934/H0/BV



Type approval certificate
TAE0000115

Characteristics

EN 62275:2015

Material	Non metallic
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EN 62275:2015

Minimum installation temperature	-30°C
Min./Max. operating temperature	-40°C a +85°C
Contribution to fire	Non-flame propagation.
Resistance to Uvs	Not Declared.
Resistance to traction (loop tensile strength)	<ul style="list-style-type: none"> ▪ 13,6 Kg for cable ties of 4,8 mm ▪ 36,7 Kg for cable ties of 7,6 mm ▪ Type 1
Max./Min. Application diameter	<ul style="list-style-type: none"> ▪ 2244-1: 45mm / 1.6mm ▪ 2247-1: 76mm /1,6mm ▪ 2271-1: 50mm /4,8mm ▪ 2272-1: 76mm / 4,8mm ▪ 2273-1: 102mm / 4,8mm

MS 3367

Dimensions ⁽³⁾	<ul style="list-style-type: none"> ▪ 2244-1: MS 3367-1 ▪ 2247-1: MS 3367-7 ▪ 2271-1: - ▪ 2272-1: - ▪ 2273-1: MS 3367-3
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Compulsory regulations

2014/35/EU EUROPEAN DIRECTIVE

CE Marking	Conformity with the standard EN 62275:2015
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Characteristics of polypropylene raw material

- Base raw material: Polypropylene
- Phthalate contents according to ASTM D2124-99:2004: phthalate free
- UL flammability tests on plastic materials according to ANSI/UL 94: 1990: Degree UL94 HB
- L.O.I. Oxygen index according to EN ISO 4589:1999: ≥18 ⁽⁴⁾

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Notes

1. Tests carried out by Unex. Due to the variety of factors affecting the performance of the cable ties under chemical agents (concentration, temperature, UVs, mounting way, etc), the particular atmosphere of certain installations must be individually studied with a specific test.

2. Except for new part numbers, which are under process of obtaining quality marks and approvals. See updated information of each part number on www.unex.net

3. Cable ties without MS designation fulfill the conditions set in the standards for items with the same width, except for the length.

4. All features marked are based on random tests of the material in the manufacture of our products. However, they only reflect the values accepted by the raw material manufacturers, which are provided only as information and guidance.

* All information contained herein is completely objective and is the result of a wide experience in satisfying our costumers' requirements . For more details, please visit our website.

** Unex aparellaje eléctrico, S.L. reserve the right to modify any characteristics of the products manufactured. This document is an uncontrolled copy and will not be updated if its content changes.

15/11/2018