

Technical specification



Cable ties **22** in **U60X**

Description

- For tying of cables and conduits for indoor use. ⁽¹⁾
- Hand thread, easier mounting at site.
- High tensile strength.
- UL approval for finished product.
- Inside teeth.
- Own raw material. Insulating halogen free material.
- RoHS-Compliant.
- Colour: Grey RAL 7035.

Quality Marks ⁽²⁾



EN 62275:2015
Licencia n°: 030/001929



EN 62275:2015
Licencia n°:
NF004_1005/M2



EN 62275:2015
Licencia n°:40011920



UL 62275:2016
File E 75725 (M)



GOST
R 50927:2009
Part 1 a 5
licence
n°: POCC RU.1
1AK01.H00065

Approvals ⁽²⁾



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



Type approval certificate
TAE0000115

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Characteristics

EN 62275:2015

Component	Non metallic.
Minimum installation temperature	-30°C
Service temperature	-40°C to +85°C
Contribution to fire	Non-flame propagation.
Resistance to UVs	Not Declared.
Resistance to traction (minimum tensile strength)	<ul style="list-style-type: none"> ■ 13,6 Kg for cable ties of 3,6 mm. ■ 22,6 Kg for cable ties of 4,8 mm. ■ 54,4 Kg for cable ties of 7,6 mm. ■ Type 1
Max./Min. application diameter	<ul style="list-style-type: none"> ■ 2233-3: 32mm / 1,6mm ■ 2244-3: 45mm / 1,6mm ■ 2247-3: 76mm / 1,6mm ■ 2271-3: 50 mm / 4,8 mm ■ 2272-3: 76 mm / 4,8 mm

MS 3367

Dimensions ⁽³⁾	<ul style="list-style-type: none"> ■ 2233-3: MS 3367-5 ■ 2244-3: MS 3367-1 ■ 2247-3: MS 3367-7 ■ 2271-3: - ■ 2272-3: -
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Compulsory regulations

2014/35/EU EUROPEAN DIRECTIVE

CE Marking	Conformity with standard EN 62275:2015.
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Characteristics of U60X raw material

- Base raw material: Polyamide 6.6 (natural colour and grey RAL 7035 colour)
- Silicone contents: silicone free
- Phthalate contents according to ASTM D2124-99:2004: phthalate free
- Halogen contents according to EN 50642: 2018: Halogen free
- UL flammability tests on plastic materials according to ANSI/UL 94: 1990: Degree UL94 V2
- L.O.I. Oxygen index according to EN ISO 4589:1999: ≥ 29
- Behaviour to chemicals exposure: Resistant to the most common:
 - Hydroxides
 - Oils
 - Fats
 - Carbon hydrides
 - Acetone
 - Chlorated solventsThe zinc of the galvanized affects the life utility of polyamide 6.6 in front of aggressive agents (chemical agent and UVs). ⁽⁴⁾
- UL Approval: File E41938 EM
- Classification acc./ASTM D6779:2003: PA 0111

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Notes

1. 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.

* It is recommended to keep the bag closed until use.

** 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.

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