

Technical specification



Cable ties **22** HD in **U71X**

Description

- For tying of cables and conduits in chemically aggressive environments, for indoor and outdoor installations.
- Good results with exposure to acids.
- Resistance to UVs.
- Own raw material, weather stabilized and resistant to the most common chemical agents. Insulating halogen free material.
- Easy mounting and smooth threading. Insulating and highly resistant locking mechanism. Inside flush teeth protecting the cable jacket. The head's design assures good tightening of the cable tie.
- Colour: black.

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⁾



(2)

EN 62275:2015
Licence n°: 030/001929
Up to 85°C



EN 62275:2015
Licence n°: 030/001929
Up to 85°C



(2)

EN 62275:2015
Licence n°:NF004_1005/M2
Up to 85°C



GOST
R 50827:2009
Part 1 a 5
Licence
n°: POCG.RU.1
1AK01.H00065

Characteristics

EN 62275:2015

Material	Non metallic
Minimum installation temperature	-30°C
Min./Max. operating temperature	-60 °C to +105 °C
Contribution to fire	Non-flame propagating.
Resistance to Uvs	Resistant.

Technical specification

Cable ties **22** HD in **U71X**

Characteristics

EN 62275:2015

Resistance to traction (loop tensile strength)	<ul style="list-style-type: none"> ▪ 8,16 Kg for cable ties of 2,5 mm ▪ 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: cable ties of 2,5 mm and 3,6mm . ▪ Type 2: cable ties of 4,8 mm and 7,6mm.
Max./Min. application diameter	<ul style="list-style-type: none"> ▪ 2221HD: 22mm / 1,6mm ▪ 2233HD: 32mm / 1,6mm ▪ 2244HD: 45mm / 6mm ▪ 2247HD: 76mm / 6mm ▪ 2272HD: 76mm /6mm ▪ 2273HD: 102mm / 6mm

MS 3367

Dimensions ⁽³⁾⁽⁴⁾	<ul style="list-style-type: none"> ▪ 2221HD: MS 3367-4 ▪ 2233HD: MS 3367-5 ▪ 2244HD: MS 3367-1 (B) ▪ 2247HD: MS3367-7 (B) ▪ 2272HD: - (A) ▪ 2273HD: MS3367-3 (B)
------------------------------	--

Compulsory regulations

2014/35/EU EUROPEAN DIRECTIVE

CE Marking	Conformity with standard EN 62275:2015.
------------	---

Characteristics of the raw material U71X

- Base raw material: Thermoplastic polymer
- Halogen contents according to EN 50642: 2018: Halogen free
- Silicone contents: <0,01% ⁽⁵⁾
- Phatalate contents according to ASTM D2124-99:2004: <0,01% ⁽⁵⁾
- UL flammability tests on plastic materials according to ANSI/UL 94: 1990: degree UL94 HB
- Outdoor performance: Weather stabilized
Suitable for outdoor use according to ASTM D 6779-07

Technical specification

Cable ties **22** HD in **U71X**

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. (A) Like cable tie with MS3367-3 designation, except for the length.

4. (B) Like cable tie with MS designation, except for the head's shape.

5. Detection limit for the analytical technique applied.

* 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.

25/10/2019