



Tying and fixing
system using

Cable ties 22 HD

raw material
colour

U71X
Black

raw material
colour

22
PP
Grey

For chemical
environments

22

U71X / PP
Black / Grey

Cable ties

For chemical environments

- Good results with exposure to acids.
- UV resistant.
- Hand thread, easier mounting at site.
- Own design and manufacture. **Unex does not manufacture for other trademarks.**
- Insulating, halogen free material: maximum electrical safety.

Raw material

Black colour

U71X

Cable ties 22HD

Compliant



Technical characteristics

Outdoors	Service temperature	Mechanical	Corrosion
<p>Stabilized</p>	<p>+85°C -60°C</p>		
<p>IEC 62275*</p> <p>For outdoor installations.</p>	<p>IEC 62275*</p> <p>Good performance at low temperatures.</p>	<p>IEC 62275*</p> <p>Width 2.5 mm and 3.6 mm. Type I acc./IEC 62275*.</p> <hr/> <p>Width 4.8 mm and 7.6 mm. Type II acc./IEC 62275*.</p>	<p>Good resistance to corrosion and to chemical agents.</p>

Raw material

Grey colour RAL 7035

PP

Cable ties

Compliant



Technical characteristics

Use	Service temperature	Mechanical	Corrosion
	<p>+85°C -40°C</p>		
<p>IEC 62275*</p> <p>For indoor installations.</p>	<p>IEC 62275*</p>	<p>IEC 62275*</p> <p>Type I.</p>	<p>ISO/TR 10358 DIN 8061</p>

* The values indicated according to IEC 62275 have been tested under the equivalent standard EN 62275. BS EN 62275 is the UK implementation of EN 62275 and IEC 62275.



Colour

Black

Grey

RAL 7030

Quality marks



Approvals



DNV - Germanischer Lloyd



Bureau Veritas

See updated technical information of each part number on www.unex.net

Conformity declaration





Industry



Water treatment



Chemical industry

A product with added value

Easy mounting and smooth threading

Unex cable ties are easy to thread, allowing quick and effortless manual assembly. Finger-friendly rounded ends.



Inside teeth

Inside flush teeth, assuring tightening and protecting the cable jacket.



Quality marks

The quality of Unex cable ties is recognised by the most stringent quality marks.

Quality marks



Approvals:



See updated technical information of each part number on www.unex.net



22 **U71X** / **PP**
Black / **Grey**

Cable ties

Cable ties 22 HD in **U71X** for outdoor and indoor installations

<p>Width 2.5 mm 1:1</p>		<p>Cable ties sizes (width x length) 2.5x101</p>	
<p>U71X Black</p>	<p>Cable ties for chemical environments Weather-stabilized</p>	<p>2221HD</p>	
<p>Width 3.6 mm 1:1</p>		<p>Cable ties sizes (width x length) 3.6x142</p>	
<p>U71X Black</p>	<p>Cable ties for chemical environments Weather-stabilized</p>	<p>2233HD</p>	
<p>Width 4.8 mm 1:1</p>		<p>Cable ties sizes (width x length) 4.8x188 4.8x287</p>	
<p>U71X Black</p>	<p>Cable ties for chemical environments Weather-stabilized</p>	<p>2244HD</p>	<p>2247HD</p>
<p>Width 7.6 mm 1:1</p>		<p>Cable ties sizes (width x length) 7.6x299 7.6x376</p>	
<p>U71X Black</p>	<p>Cable ties for chemical environments Weather-stabilized</p>	<p>2272HD</p>	<p>2273HD</p>

Note: 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.

Sizes (mm)

Cable ties for chemical environments	Part no.	Sizes mm			ø Use mm		Resistance acc./IEC 62275		Designation MS 3367
		A	B	L	Max.	Min.	Kg	N	
	2221HD	1	2.5	101	22	1.6	8.16	80	MS 3367-4
	2233HD	1.2	3.6	142	32	1.6	13.6	130	MS 3367-5
	2244HD	1.4	4.8	188	45	6	22.6	220	MS 3367-1
	2247HD	1.4	4.8	287	76	6	22.6	220	MS 3367-7
	2272HD	1.8	7.6	299	76	6	54.4	530	*
	2273HD	1.8	7.6	376	102	6	54.4	530	MS 3367-3

Colour: Black **Material: U71X suitable for outdoors**
 * Cable ties without the MS designation fulfil the conditions set in the standards for models of the same width. The only change is the bundle diameter.
 Note: It is recommended to keep the bag closed until use.

Cable ties 22 in **PP** for indoor installations

<p>Width 4.8 mm</p> <p>1:1</p>	<p>PP Grey RAL 7030</p> <p>Cable ties for chemical environments</p>	<p>Cable ties sizes (width x length)</p>		
		<p>4.8x188</p> <p>2244-1</p>	<p>4.8x287</p> <p>2247-1</p>	
<p>Width 7.6 mm</p> <p>1:1</p>	<p>PP Grey RAL 7030</p> <p>Cable ties for chemical environments</p>	<p>Cable ties sizes (width x length)</p>		
		<p>7.6x218</p> <p>2271-1</p>	<p>7.6x299</p> <p>2272-1</p>	<p>7.6x376</p> <p>2273-1</p>

Note: 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.

Sizes (mm)

Cable ties for chemical environments (grey RAL 7030)	Part no.	Sizes mm			ø Use mm		Resistance N	Designation
		A	B	L	Max.	Min.		
	2244-1	1.4	4.8	188	45	1.6	130	MS 3367-1
	2247-1	1.4	4.8	287	76	1.6	130	MS 3367-7
	2271-1	1.8	7.6	218	50	4.8	360	*
	2272-1	1.8	7.6	299	76	4.8	360	*
	2273-1	1.8	7.6	376	102	4.8	360	MS 3367-3

Colour: grey RAL 7030 **Material: PP**

* Cable ties without the MS designation fulfill the conditions set in the standards for models of the same width. The only change is the bundle diameter.

Note: It is recommended to keep the bag closed until use.

