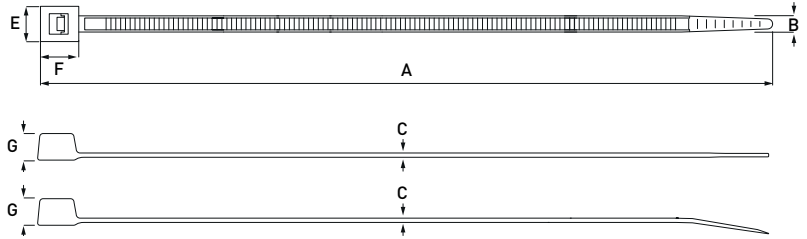


# UV RESISTANT cable tie in polyamide 6.6 UV

Technical Data Sheet update to **10.05.2017** / pag. 1 di 1



## APPLICATION

**Installation temperature:**  
 -40°C ÷ 105°C

**Working temperature:**  
 -10°C ÷ 60°C

**Umidity absorption:**  
 2,7% (23°C - 50% R.H.)

Suitable for outdoor application

## MATERIALS

**Material:** polyamide 6.6 black UV stabilized

**Material flammability rating:**  
 UL 94-V2

**Halogen free**

**High resistance to UV rays**

**Excellent resistance to:**  
 aromatic solvents, oils, greases and derivatives.

**Good resistance to:** bases

**Limited resistance to:** acids

**Not resistant to:**  
 phenols and to chlorinated solvents

## UV RESISTANCE

The special compound assures an UV resistance according to

**CEI EN 62275 § 6.2.2 - Type 2:**  
 retains 100% strength after testing (ISO 4892-2 - method A - 1000 h equivalent to 10 years of outdoor exposure) xenon-arc radiation.

## COLORS

● Black

## APPROVALS / CERTIFICATIONS

**Omologations:**



UL n° E86244



DNV-GL n° TAE00001DU

## EC Directives:

Material used to produces listed cable ties comply with EC Directives:

- 2000/53/EC (ELV)
- 2012/19/EC (WEEE)
- 2003/11/EC

CABLE TIE IN POLYAMIDE 6.6 UV AND WEATHER RESISTANT FOR EXTERNAL APPLICATION.

TECHNICAL DATA									
CODE	TYPE	NOMINAL DIMENSIONS						BUNDLE DIAMETER	
		mm	mm	mm	mm	mm	mm	mm	mm
Black		A	B	C	E	F	G	Ø min	Ø max
5303/C UVE	A	98	2,5	1	4,65	4,65	3,8	1	21
5309/C UVE	A	140	3,55	1,09	6,1	6,3	4,7	2	32
5314/C UVE	A	200	3,5	1,2	6,1	5,8	4	3	50
5315/C UVE	A	200	4,8	1,35	7,8	7,25	5,35	3	50
5317 UVE	B	290	4,5	1,4	7,75	7,15	5,3	3,5	78
5327 UVE	B	365	7,5	1,8	12,8	11,3	7,5	8	100

CODE	Tensile strength**	Laboratory test results	Insertion effort	PACKAGING	
				Bag	Box
Black	Newton (N)	Newton (N)	Newton (N)	pcs	pcs
5303/C UVE	80	115 ÷ 135	<5	100	15.000
5309/C UVE	180	200 ÷ 230	<10	100	7.000
5314/C UVE	180	200 ÷ 230	<5	100	7.000
5315/C UVE	220	280 ÷ 320	<10	100	4.000
5317 UVE	220	285 ÷ 330	<10	100	3.500
5327 UVE	540	655 ÷ 700	<15	100	1.500

\*\* Please consider a suitable safety factor equal or above 2

Products are tested according to  
 CEI EN 62275 - Cable Ties for  
 Electrical Installation