



ITW Construction Products Italy S.r.l

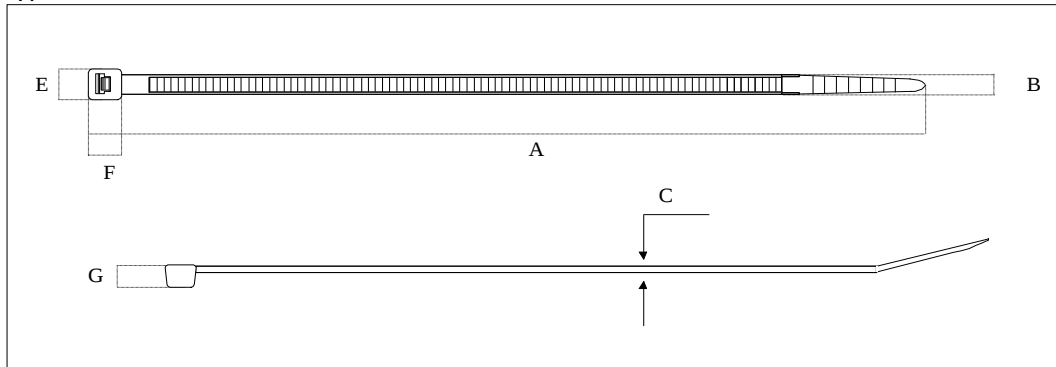
TECHNICAL DATA SHEET

DESCRIPTION: Weather Resistant Cable tie

COLOUR: Black

SCHEMA:

Type A



Material: Polyamide 6.6 black UV stabilized for weather resistance.

Flammability of raw material: UL 94 - V2 (File n° E70062)

Umidity absorption: 2,7% - 2,8% (23° C - 50% R.H.)

Installation temperature: -10° C ÷ +60° C

Working temperature: -40° C ÷ +105° C

Excellent resistance to aromatic solvents, oils, greases, oil derivatives;

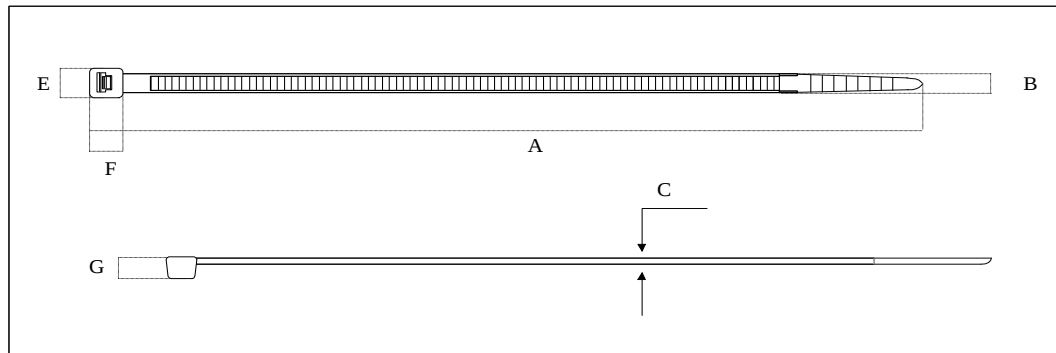
Good resistance to bases;

Limited resistance to acids;

Not resistance to phenols and to chlorinated solvents.

No halogens

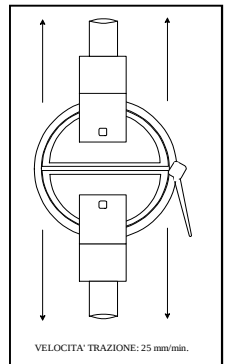
Type B



Resistance UV: 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 xenon-arc radiation, equivalent to 10 years of outdoor exposure)

Suitable for outdoor applications.

Products are tested in accordance to CEI EN 62275 "Cable Ties for Electrical Installation"



weather resistant

P.N.	schema	NOMINAL DIMENSIONS (mm)								Tensile strength (N) *	laboratory test results (N)	Test mandrel diameter (mm)	Insertion effort (N)
		A	B	C	E	F	G	MIN ϕ	MAX ϕ				
5303 UV	A	98	2,5	1	4,65	4,65	3,8	1	21	80	115 ÷ 135	16	<5
5309 UV	A	140	3,5	1	6,1	6	4,1	2	35	180	200 ÷ 230	28	<10
5314 UV	A	200	3,5	1,2	6,1	5,8	4	2	50	180	200 ÷ 230	39	<5
5315 UV	A	200	4,8	1,35	7,8	7,25	5,35	3	50	220	280 ÷ 320	39	<10
5317 UV	B	290	4,5	1,4	7,75	7,15	5,3	3,5	79	220	285 ÷ 330	55	<10
5327 UV	B	365	7,5	1,8	12,8	11,3	7,5	8	100	540	655 ÷ 700	88	<15

* Please consider a suitable safety rata equal or above 2

EC Directives:

Raw material used to produce listed cable ties are compliant with EC Directives:

2000/53/EC (ELV)

2002/96/EC (WEEE)

2002/95/EC (RoHS)

2003/11/EC

Homologations:

D.N.V. (Det Norske Veritas): E-11541

Advise:

Keep the bag closed after use