

# Colson™ installation cable ties



0 319 16



0 319 28



(see p. 906)



0 319 57



0 319 02



0 319 96

Dimensions [see e-catalogue](#)

## Pack Cat.Nos **Black Colson U.V. protected cable ties**

Conform to EN 50146 and IEC 62275

### External teeth

Pack	Cat.Nos	External teeth		Ø grip capacity (mm)		Tensile Strength (kg)
		Width (mm)	Flat length (mm)	max.	min.	
100/ <b>1000</b>	0 319 10	9	123	22	4	36
100/ <b>1000</b>	0 319 13	9	185	42	10	36
100/ <b>1000</b>	0 319 16	9	262	62	26	53
100/ <b>1000</b>	0 319 19	9	357	92	26	53
100/ <b>500</b>	0 319 20	9	498	140	74	53
100	0 319 21	9	750	220	74	53
100	0 319 22	6	119	25	4	22
100/ <b>1000</b>	0 319 25	6	180	45	10	22

### Internal teeth

Easy manual tightening

Pack	Cat.Nos	Width (mm)	Flat length (mm)	Ø grip capacity (mm) max.	Ø grip capacity (mm) min.	Tensile Strength (kg)
100	0 319 28	7.6	128	22	8	36
100	0 319 29	7.6	194	42	15	45
100	0 319 30	7.6	260	62	15	45
100	0 319 32	7.6	359	92	15	45

## 100/**1000** 0 319 55 **Black U.V. protected bases**

- Standard plug base  
Ø8 mm drilling (Ø7 mm smooth material)
- 100 0 319 58 Wall spacer plug base  
Ø8 mm drilling (Ø7 mm smooth material)
- 100 0 319 50 Screw-on base, can be fixed with plug  
Cat.No 0 319 57 or metal stud Ø7 mm pitch 150 or countersunk screw Ø5 mm

## 100 0 319 57 **Black U.V. protected screw-in plug**

For fixing screw-on base and cable ties with base Ø8 mm drilling (Ø7 mm smooth material)  
Threaded head Ø6.6 mm pitch 150  
Supplied with punch for inserting pin

## 100 0 319 02 **Black cable tie with U.V. protected base**

Adjustable for conduits IRL Ø16 to 32 mm or for cable Ø13 to 38 mm  
Fixing by Ø7 mm thread 150 mm pin, screw in wall plugs Cat.No 0 319 57, screw Ø5 mm  
Can be fixed using Pulsa 700 E staple gun  
Low fire hazard  
For interior and exterior use - U.V. protected  
Black colour

## 1 0 319 96 **Colson tool**

Facilitates tightening and strip cut the nearest of Colson cable ties head

# Colson™ installation cable ties

## ■ Performance

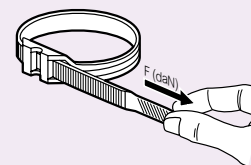
Conform to EN 62275 type 1 (NFC 68-146)  
"cable ties for electrical installations"

Test conditions:

- Temperature: 23 °C
- Relative humidity of air: 50 %
- Traction speed: 25.4 mm/min

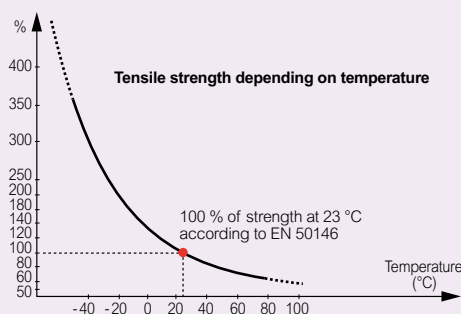
## Ratchet force

Cat.Nos	Ratchet force (daN)
0 319 10	4
0 319 13	4
0 319 16	5
0 319 19	5
0 319 20	5.5
0 319 21	5.5
0 319 22	4
0 319 25	4
0 319 28	1.5
0 319 29	1.5
0 319 30	1.5
0 319 32	1.5



## Tensile strength

Cat.Nos	Tensile strength	
	Test Ø (mm) according to EN 50146	Min. strength (daN)
0 319 10	20	36
0 319 13	20	36
0 319 16	26	53
0 319 19	26	53
0 319 20	74	53
0 319 21	74	53
0 319 22	20	22
0 319 25	20	22
0 319 28	20	36
0 319 29	20	45
0 319 30	20	45
0 319 32	20	45



## Temperature resistance

- operating (permanent use):  
from - 40 °C to + 85 °C
- from - 25 °C to + 60 °C for Cat.Nos 0 319 28/29/30/32
- operating (minimum): - 30 °C, 0 °C for Cat.Nos 0 319 28/29/30/32

## Resistance to external agents

Good resistance to bases, oils, greases, saline mist, oil products, diluted acids

## Fire resistance

- Flame retardant
- Conform to UL 94 requirements, HB classification
- Glow-wire flammability resistance according to IEC 60695-2-11: 650 °C
- Oxygen index (LOI) according to EN ISO 4589-1/ASTM D 2863-00: 20 %
- Low fire hazard polyamide

## UV protected according to norm IEC 62275 type 1

UV protected black cable ties for outdoor use  
These black cable ties have successfully undergone UV resistance and climatic ageing tests representing actual conditions of use  
These cycles combine a 1000 hours radiance under arc or xenon lamp according to ISO 4892-2 method 1