

## Performance

Conform to EN 62275 type 1 (NFC 68-146)  
 "cable ties for electrical installations"  
 Recognised UL 1565 approval

## Technical data

Good resistance to bases, oils, greases and petroleum products  
 Limited resistance to acids, sensitive to mineral acids and no resistance to phenol

Cable ties Polyamide 6/6		Max. ratchet force (daN)	Tensile strength	
Colourless Non UV protected	Black High temperature UV protected		According to EN 50146	
			Test dia. (mm)	Min. guaranteed strength (daN)
0320 30	0320 12	0-50	18	8-0
0320 31		0-50	20	8-0
0320 32		0-50	20	8-0
0320 37	0320 15	0-50	20	13-0
0320 38		0-50	20	13-0
0320 39		0-50	20	13-0
0320 40		0-50	20	13-0
0320 42	0320 22	0-50	20	22-0
0320 43		0-50	20	22-0
	0320 24	0-50	20	22-0

Type	Colring colourless	Colring black
UV protection	no	yes
Polyamide material	6/6	6/6
Teeth	internal	internal
Halogen free <sup>1</sup>	yes	yes
Humidity absorption <sup>2</sup>	2.5 %	2.5 %
Operating temperature		
- 20,000 hrs	85 °C	105 °C
- 1,000 hrs	100 °C	120 °C
Resistance to low temperatures		
- fitted	-15 °C	-15 °C
- assembly	-10 °C	0 °C
Flame retardancy	UL 94 V2	UL 94 V2
Oxygen index (LOI) (EN ISO 4589-1/ASTM D 2863-00)	28.5 %	26 %
Self-extinguishing <sup>3</sup>	850 °C	850 °C

1 : Conform to Class I ASTM D 4066 (Class 2 for Colring black)  
 2 : Conform to ISO 62 (EH 0-23°C)  
 3 : Conform to IEC 60695-2-12

## External agents resistance

- Good resistance to bases, oils, greases, petroleum products, chlorinated solvents
- Humidity retention : 1.5 % ≤ humidity retention ≤ 3 %

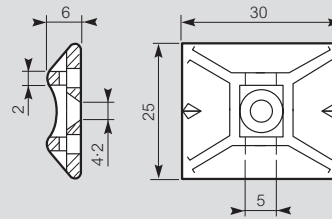
## Fire resistance

- Flame resistance UL 94 : V2
- Flame-retardant
- Self-extinguishing 850 °C according to IEC 60695-2-12
- Oxygen index : EN ISO 4589-1 / ASTM D 2863-00 : 28.5% (26% for Colring black)
- Halogen-free polyamide, class 1 according to ASTM D 4066 (Class 2 for Colring black)

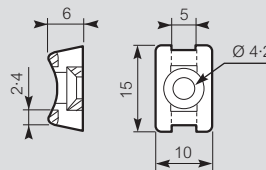
## Dimensions

### Accessories for Colring

Cat. No. 0320 65



Cat. No. 0320 70



Cat. No. 0320 72

