

Performance

Conform to IEC/EN 62275 (NFC 68-146)
 "cable ties for electrical installations"
 Listed UL 62275 approval except Cat.Nos 0 318 12/32

Ratchet / tensile strength and temperature resistance

Cat.Nos	Ratchet force (daN)	Tensile strength according to EN 50146		Temperature resistance			Type according to IEC/UL 62275
		test (mm)	Min tensile strength (daN)	Max. operating temperature (°C)	Min. operating temperature (°C)	Min. installation temperature (°C)	
Colourless Colring cable ties							
0 320 30	0.5	18	8	75	-40	-10	1/11
0 320 31	0.5	20	8	75	-40	-10	1/11
0 320 32	0.5	38	8	75	-40	-10	1/11
0 320 37	0.5	20	13	75	-40	-10	1/11
0 320 38	0.5	38	13	75	-40	-10	1/11
0 320 39	0.5	38	13	75	-40	-10	1/11
0 320 40	0.5	38	13	75	-40	-10	1/11
0 320 42	0.5	38	22	75	-40	-10	1/11
0 320 43	0.5	38	22	75	-40	-10	1/11
0 320 44	0.5	38	22	75	-40	-10	1/11
0 320 47	1	38	53	75	-40	-10	1/11
0 320 49	1	38	53	75	-40	-10	1/11
0 320 50	1	38	53	75	-40	-10	1/11
0 320 52	0.45	20	8	75	-40	-10	1/11
0 320 54	0.6	20	13	75	-40	-10	1/11
0 320 55	0.9	38	22	75	-40	-10	1/11
0 320 57	0.9	38	22	75	-40	-10	1/11
0 320 58	1.5	38	53	75	-40	-10	1/11
0 320 61	0.5	38	8	75	-40	-10	1/11
0 320 63	0.5	38	22	75	-40	-10	1/11
0 320 45	2	38	53	85	-40	0	2/21
0 320 46	2	38	80	85	-40	0	2/21
0 320 48	2	38	80	85	-40	0	2/21
0 320 51	2	38	115	85	-40	0	2/21
Black Colring cable ties							
0 320 12	0.5	18	8	105	-40	0	1/11
0 320 13	0.5	20	8	105	-40	0	1/11
0 320 14	0.5	38	8	105	-40	0	1/11
0 320 15	0.5	20	13	105	-40	0	1/11
0 320 18	0.5	38	13	105	-40	0	1/11
0 320 19	0.5	38	13	105	-40	0	1/11
0 320 20	0.5	38	13	105	-40	0	1/11
0 320 22	0.5	38	22	105	-40	0	1/11
0 320 23	0.5	38	22	105	-40	0	1/11
0 320 24	0.5	38	22	105	-40	0	1/11
0 320 29	1	38	53	105	-40	0	1/11
0 320 25	2	38	53	85	-40	0	2/21
0 320 26	2	38	80	85	-40	0	2/21
0 320 27	2	38	80	85	-40	0	2/21
0 320 28	2	38	115	85	-40	0	2/21

Cat.Nos	Ratchet force (daN)	Tensile strength according to EN 50146		Temperature resistance			Type according to IEC/UL 62275
		Min tensile strength (daN)	Max. operating temperature (°C)	Min. operating temperature (°C)	Min. installation temperature (°C)		
Colourless Colring cable ties							
0 318 20	1	8	85	-40	0	2/21	
0 318 21	1	8	85	-40	0	2/21	
0 318 22	1	8	85	-40	0	2/21	
0 318 23	1	18	85	-40	0	2/21	
0 318 24	1	18	85	-40	0	2/21	
0 318 25	1	18	85	-40	0	2/21	
0 318 26	1	18	85	-40	0	2/21	
0 318 27	1.5	22	85	-40	0	2/21	
0 318 28	1.5	22	85	-40	0	2/21	
0 318 29	1.5	22	85	-40	0	2/21	
0 318 33	1.5	22	85	-40	0	2/21	
0 318 34	2	53	85	-40	0	2/21	
0 318 31	2	53	85	-40	0	2/21	
0 318 35	2	53	85	-40	0	2/21	
0 318 32	2	53	75	-40	-10	1/-	
0 318 36	2	80	85	-40	0	2/21	
Black Colring cable ties							
0 318 00	1	8	85	-40	0	2/21	
0 318 01	1	8	85	-40	0	2/21	
0 318 02	1	8	85	-40	0	2/21	
0 318 03	1	18	85	-40	0	2/21	
0 318 04	1	18	85	-40	0	2/21	
0 318 05	1	18	85	-40	0	2/21	
0 318 06	1	18	85	-40	0	2/21	
0 318 07	1.5	22	85	-40	0	2/21	
0 318 08	1.5	22	85	-40	0	2/21	
0 318 09	1.5	22	85	-40	0	2/21	
0 318 13	1.5	22	85	-40	0	2/21	
0 318 14	2	53	85	-40	0	2/21	
0 318 11	2	53	85	-40	0	2/21	
0 318 15	2	53	85	-40	0	2/21	
0 318 12	2	53	105	-40	0	1/-	
0 318 16	2	80	85	-40	0	2/21	

External agents resistance

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

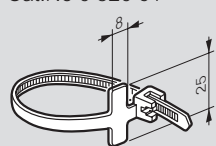
Fire resistance

- Flame resistance UL 94: V2
- Flame-retardant
- Needle flame test according to IEC 60695-11-5
- Oxygen index: EN ISO 4589-1 / ASTM D 2863-00: 28.5% (26% for Colring black)
- Halogen-free polyamide, class 1 acc. to ASTM D 4066 (Class 2 for Colring black)

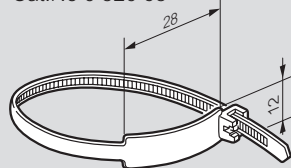
Dimensions

Identification cable ties

Cat.No 0 320 61

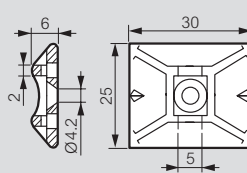


Cat.No 0 320 63

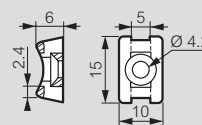


Accessories

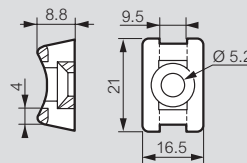
Cat.Nos 0 320 65/67



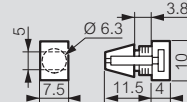
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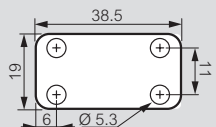
Cat.No 0 320 72



Cat.No 0 320 76



Cat.No 0 320 85



Example of use



Duplex marker holders Cat.No 0 384 52 (p. 818), attached using 2 Colring cable ties Cat.No 0 320 31, equipped with labels