

Colring™ equipment cable ties

■ Performance

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

Ratchet / tensile strength and temperature resistance

Cat.Nos	Max. ratchet force (daN)	Tensile strength according to EN 50146		Temperature resistance		
		Φ 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
0 320 31	0.5	20	8	75	-40	-10
0 320 32	0.5	20	8	75	-40	-10
0 320 37	0.5	20	13	75	-40	-10
0 320 38	0.5	20	13	75	-40	-10
0 320 39	0.5	20	13	75	-40	-10
0 320 40	0.5	20	13	75	-40	-10
0 320 42	0.5	20	22	75	-40	-10
0 320 43	0.5	20	22	75	-40	-10
0 320 44	0.5	20	22	75	-40	-10
0 320 47	1	20	53	75	-40	-10
0 320 49	1	20	53	75	-40	-10
0 320 50	1	20	53	75	-40	-10
0 320 52	45	20	8	75	-40	-10
0 320 54	0.6	20	13	75	-40	-10
0 320 55	0.9	20	22	75	-40	-10
0 320 57	0.9	20	22	75	-40	-10
0 320 58	1.5	20	53	75	-40	-10
0 320 61	0.5	20	8	75	-40	-10
0 320 63	0.5	20	22	75	-40	-10
0 320 45	1.5	38	53	75	-15	-10
0 320 46	2	38	77	75	-15	-10
0 320 48	2	38	77	75	-15	-10
0 320 51	2	38	111	75	-15	-10
Black Colring cable ties						
0 320 12	0.5	18	8	105	-40	0
0 320 13	0.5	20	8	105	-40	0
0 320 14	0.5	20	8	105	-40	0
0 320 15	0.5	20	13	105	-40	0
0 320 18	0.5	20	13	105	-40	0
0 320 19	0.5	20	13	105	-40	0
0 320 20	0.5	20	13	105	-40	0
0 320 22	0.5	20	22	105	-40	0
0 320 23	0.5	20	22	105	-40	0
0 320 24	0.5	20	22	105	-40	0
0 320 29	1	20	53	105	-40	0
0 320 25	1.5	38	53	85	-15	0
0 320 26	2	38	77	85	-15	0
0 320 27	2	38	77	85	-15	0
0 320 28	2	38	111	85	-15	0

Cat.Nos	Max. ratchet force (daN)	Tensile strength according to EN 50146		Temperature resistance		
		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	-15	-10	
0 318 21	1	8	85	-15	-10	
0 318 22	1	8	85	-15	-10	
0 318 23	1	13	85	-15	-10	
0 318 24	1	13	85	-15	-10	
0 318 25	1	13	85	-15	-10	
0 318 26	1.5	13	85	-15	-10	
0 318 27	1.5	22	85	-15	-10	
0 318 28	1.5	22	85	-15	-10	
0 318 29	1.5	22	85	-15	-10	
0 318 33	1.5	22	85	-15	-10	
0 318 30	2	53	85	-15	-10	
0 318 34	2	53	85	-15	-10	
0 318 31	2	53	85	-15	-10	
0 318 35	2	53	85	-15	-10	
0 318 32	2	53	85	-15	-10	
0 318 36	2	77	85	-15	-10	
0 318 37	2	77	85	-15	-10	
0 318 38	2	111	85	-15	-10	
Black Colring cable ties						
0 318 00	1	8	105	-15	0	
0 318 01	1	8	105	-15	0	
0 318 02	1	8	105	-15	0	
0 318 03	1	13	105	-15	0	
0 318 04	1	13	105	-15	0	
0 318 05	1	13	105	-15	0	
0 318 06	1.5	13	105	-15	0	
0 318 07	1.5	22	105	-15	0	
0 318 08	1.5	22	105	-15	0	
0 318 09	1.5	22	105	-15	0	
0 318 13	1.5	22	105	-15	0	
0 318 10	2	53	105	-15	0	
0 318 14	2	53	105	-15	0	
0 318 11	2	53	105	-15	0	
0 318 15	2	53	105	-15	0	
0 318 12	2	53	105	-15	0	
0 318 16	2	77	105	-15	0	
0 318 17	2	77	105	-15	0	
0 318 18	2	111	105	-15	0	

External agents resistance

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

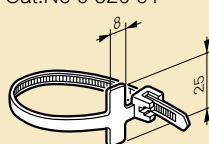
Fire resistance

- Flame resistance UL 94: V2
- Flame-retardant
- Self extinguishing 850 °C acc. 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 acc. to ASTM D 4066 (Class 2 for Colring black)

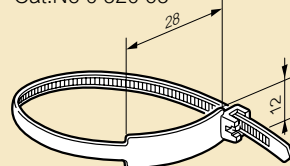
■ Dimensions

Identification cable ties

Cat.No 0 320 61

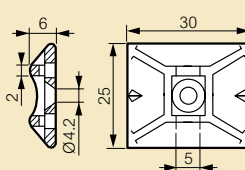


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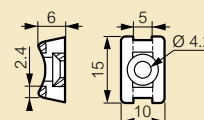


Accessories

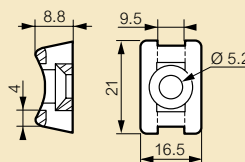
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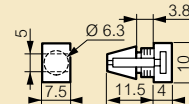
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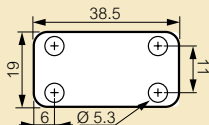
Cat.No 0 320 72



Cat.No 0 320 76



Cat.No 0 320 85



■ Example of use



Duplex marker holders Cat.No 0 384 52 (p. 615), attached using 2 Colring cable ties Cat.No 0 320 31, equipped with labels