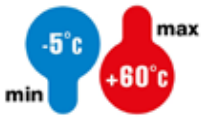


**52 FS - CABLE TIES**

**INSTALLATION**



**GWT  
650°C**

**STANDARD TYPE**



GW 52 231

**STANDARD CABLE TIES IN COLOURLESS POLYMER**



Code	Dimensions LxH (mm)	Tensile stress (daN)	Terminal grip capacity Ø	Pack Carton
GW 52 231	2.4x75	8	1.5-18 mm	1000/20000
GW 52 232	2.5x96	8	1.5-23 mm	1000/20000
GW 52 233	2.5x140	8	1.5-35 mm	100/10000
GW 52 234	2.5x203	8	1.5-55 mm	100/10000
GW 52 235	3.6x150	18	2.5-39 mm	100/10000
GW 52 236	3.6x203	18	2.5-55 mm	100/10000
GW 52 237	3.6x292	18	2.5-85 mm	100/5000
GW 52 238	4.8x190	22	3-52 mm	100/5000
GW 52 239	4.8x280	22	3-81 mm	100/5000
GW 52 240	4.8x368	22	3-182 mm	100/5000
GW 52 241	7.6x380	55	4-110 mm	100/1000
GW 52 242	9.0x610	80	5-185 mm	50/500
GW 52 243	9.0x914	80	5-270 mm	50/500

daN = Decanewton (approx. 1kg).

**CHARACTERISTICS:** sloping tail and rounded edges. Values for resistance to tensile stress refer to T=20°C, in compliance with Standard EN 62275.

**HEAVY-DUTY**



GW 52 251

**HEAVY DUTY WIRING TIES - BLACK POLYMER**



Code	Dimensions LxH (mm)	Tensile stress (daN)	Terminal grip capacity Ø	Pack Carton
GW 52 251	2.4x75	8	1.5-18 mm	1000/20000
GW 52 252	2.5x96	8	1.5-23 mm	1000/20000
GW 52 253	2.5x140	8	1.5-35 mm	100/10000
GW 52 254	2.5x203	8	1.5-55 mm	100/10000
GW 52 255	3.6x150	18	2.5-39 mm	100/10000
GW 52 256	3.6x203	18	2.5-55 mm	100/10000
GW 52 257	3.6x292	18	2.5-85 mm	100/5000
GW 52 258	4.8x190	22	3-52 mm	100/5000
GW 52 259	4.8x280	22	3-81 mm	100/5000
GW 52 260	4.8x368	22	3-102 mm	100/5000
GW 52 261	7.6x380	55	4-110 mm	100/1000
GW 52 262	9.0x610	80	5-185 mm	50/500
GW 52 263	9.0x914	80	5-270 mm	50/500

daN = Decanewton (approx. 1kg).

**CHARACTERISTICS:** sloping tail and rounded edges. Values for resistance to tensile stress refer to T=20°C, in compliance with Standard EN 62275.

**52 FS - CABLE TIES**

**TECHNICAL CHARACTERISTICS**

Standard: IEC 62275; EN 62275

Fume corrosiveness: < 5%

Flame resistance in compliance with UL 94: V2

Service temperature range: -40°C to +85°C (max. peaks 135°C)

Material: polyamide 66 (standard wiring), halogen-free in accordance with CEI EN 60754-2 (CEI EN 50267-2-2) polyamide 66 charged with "A" carbonate (heavy duty wiring)

Oxygen limit index: 27% (standard wiring);  
29% (heavy duty wiring)

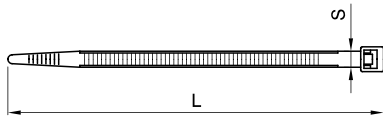
Minimum installation temperature: -5°C

**BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS**

Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Ethyl alcohol		
Resistant	Limited resistance	Limited resistance	Limited resistance	Resistant	Resistant	Resistant	Resistant	Resistant	Resistant	Resistant

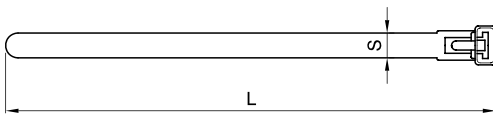
**Dimension tables**

**STANDARD CABLE TIES AND HEAVY DUTY OUTDOOR CABLE TIES**



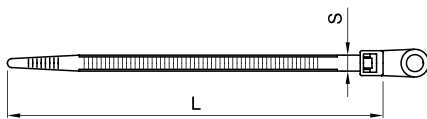
Code	S (mm)	L (mm)	Code	S (mm)	L (mm)	Code	S (mm)	L (mm)	Code	S (mm)	L (mm)
GW 52 231	2.4	75	GW 52 235	3.6	150	GW 52 239	4.8	280	GW 52 243	9	914
GW 52 251			GW 52 255			GW 52 259			GW 52 263		
GW 52 232	2.5	96	GW 52 236	3.6	203	GW 52 240	4.8	368			
GW 52 252			GW 52 256			GW 52 260					
GW 52 233	2.5	140	GW 52 237	3.6	292	GW 52 241	7.6	380			
GW 52 253			GW 52 257			GW 52 261					
GW 52 234	2.5	203	GW 52 238	4.8	190	GW 52 242	9	610			
GW 52 254			GW 52 258			GW 52 262					

**RE-OPENABLE CABLE TIES**



Code	S (mm)	L (mm)
GW 52 271	7.6	150
GW 52 272	7.6	200
GW 52 273	7.6	300

**CABLE TIES WITH EYELET**



Code	S (mm)	L (mm)	hole Ø (mm)
GW 52 281	2.5	100	ø 4.8
GW 52 282	2.5	110	ø 4.8