

## TECHNICAL CHARACTERISTICS

### 52 FS - CABLE TIES

#### TECHNICAL CHARACTERISTICS

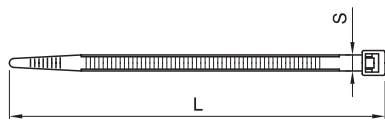
Standard: EN 50146	Material: polyamide 66 (standard wiring)
Fume corrosiveness: < 5%	polyamide 66 charged with "A" carbonate (heavy-duty wiring)
Flame resistance in compliance with UL 94: V2	Oxygen limit index: 27% (standard wiring);
Service temperature range: -40°C +85°C (Max peaks 135°C)	29% (heavy-duty wiring )
	Minimum installation temperature: 0°C

#### BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

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

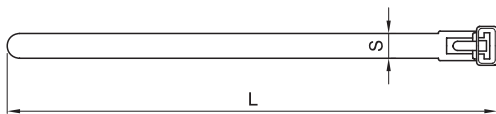
## DIMENSIONAL TABLES

### CABLE TIES FOR STANDARD AND WORK-INTENSE SITUATIONS



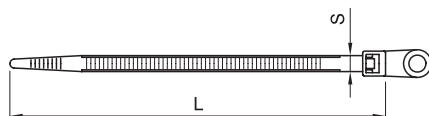
CODE	S (mm)	L (mm)	CODE	S (mm)	L (mm)	CODE	S (mm)	L (mm)	CODE	S (mm)	L (mm)
GW 52 231	2.4	75	GW 52 235	3.6	150	GW 52 239	4.8	280	GW 52 243	9	914
GW 52 251			GW 52 255			GW 52 259			GW 52 263		
GW 52 232	2.5	96	GW 52 236	3.6	203	GW 52 240	4.8	368			
GW 52 252			GW 52 256			GW 52 260					
GW 52 233	2.5	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 TIES



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

### TIES WITH EYELET



CODE	S (mm)	L (mm)	ø HOLE (mm)
GW 52 281	2.5	100	ø 4.8
GW 52 282	2.5	110	ø 4.8

## TECHNICAL CHARACTERISTICS

### 52 FS - TIES FOR OUTDOORS - LOW TEMPERATURE RESISTANCE (L.T.R.)

#### TECHNICAL CHARACTERISTICS

Standard: EN 50146	Range of service temperature: -40°C; +80°C (Max* peaks 120°C)
Humidity absorbed: ≤ 1%	Range of installation temperature: -20°C; +60°C
Flame resistance in compliance with UL 94: HB	Material: polyamide 12
Dielectric rigidity 28 kV/mm	Oxygen limit index: 22.5%

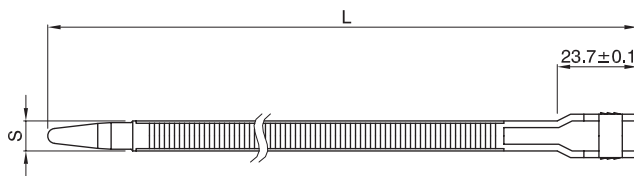
\*For short periods.

#### BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

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

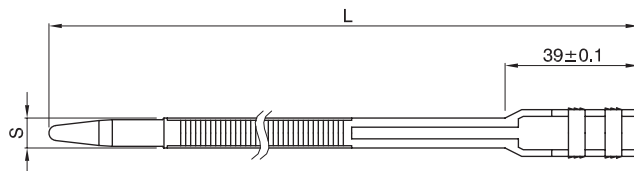
## DIMENSIONAL TABLES

### SINGLE-HEAD L.T.R. TIES



CODE	S (mm)	L (mm)
GW 52 201	6	115
GW 52 202	6	180
GW 52 203	6	290
GW 52 204	9	180

### DOUBLE-HEAD L.T.R. TIES



CODE	S (mm)	L (mm)
GW 52 205	9	265
GW 52 206	9	360
GW 52 207	9	510
GW 52 208	9	760