## DATA SHEET

## GSIG / GSI

FLEXIBLE, SELF-EXTINGUISHING SPIRAL SHEATHS

## PRODUCT TYPE:

Flexible foldable spiral sheaths for plastic cables

## APPLICATIONS:

outdoor installation and on-board machine

DIMENSIONAL DATA GSIG / GSI SERIES:	Name	Nominal diameter	Outer diameter (mm)	Internal diameter (mm)	Note
	GSIG 8	8	11.5	8 to 0.5	Color: Grey
	GSIG 10	10	14.7	10-0.5	Color: Grey
	GSIG 12	12	16.4	12-0.5	Color: Grey
	GSIG 14	14	18.9	14-0.5	Color: Grey
	GSIG 16	16	20.7	16-0.5	Color: Grey
	GSIG 20	20	24.7	20-0.5	Color: Grey
	GSIG 22	22	27.7	22-0.5	Color: Grey
	GSIG 25	25	30.6	25-0.5	Color: Grey
	GSIG 28	28	33.5	28-1	Color: Grey
	GSIG 32	32	38	32-1	Color: Grey
	GSIG 35	35	41	35-1	Color: Grey
	GSIG 40	40	46.4	40-1	Color: Grey
	GSIG 50	50	57	50-1	Color: Grey
	GSI 8	8	11.5	8 to 0.5	black colour
	GSI 10	10	14.7	10-0.5	black colour
	GSI 12	12	16.4	12-0.5	black colour
	GSI 14	14	18.9	14-0.5	black colour
	GSI 16	16	20.7	16-0.5	black colour
	GSI 20	20	24.7	20-0.5	black colour
	GSI 22	22	27.7	22-0.5	black colour
	GSI 25	25	30.6	25-0.5	black colour
	GSI 28	28	33.5	28-1	black colour
	GSI 32	32	38	32-1	black colour
	GSI 35	35	41	35-1	black colour
	GSI 40	40	46.4	40-1	black colour
	GSI 50	50	57	50-1	black colour

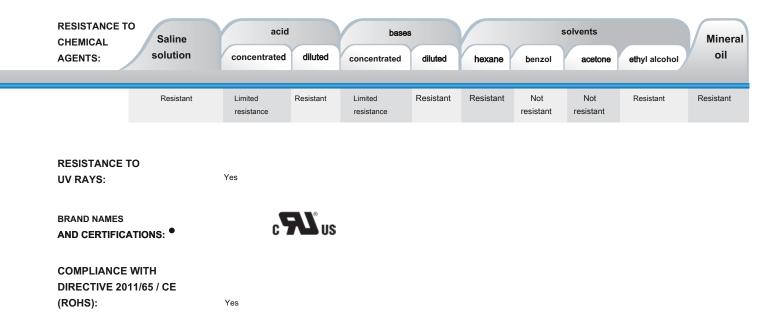




ACCESSORIES FOR GSIG / GSI FLEXIBLE SPIRAL SHEATHS:	Name	Description	Degree of protection		
	RAMG / RAMA	Sheath - box fitting, metric thread	IP64		
	RAGG / RAGA	Sheath - box fitting, GAS thread	IP64		
	RAPG / RAPA	Sheath fitting - box, PG thread	IP64		
	RPM / RPMN	Sheath straight swivel fitting - box, metric thread	IP65		
	RPS / services Prices	Sheath straight swivel fitting - box, GAS thread	IP65		
	RPG / RPGN	Sheath straight swivel connection - box, PG thread	IP65		
	RGR	Sheath swivel fitting - box, GAS thread	IP65		
	RTGN	Rigid pipe connection - sheath, equal diameter	IP67		
	GSTON	Rigid pipe connection - sheath	IP65		
COLOR: MATERIALS:	light gray RAL 7035, black Self-extinguishing rigid and plasticized PVC, self-extinguishing polypropylene (IP65 swivels), Polypropylene (RTG				
DECLARATION OF CONFORMITY:	GSIG / GSI series products and related accessories (excluding the following products: STC scope of Directive 2014/35 / EU "Low Voltage" and comply with the essential requirements set by it. TAG - MPTN) fall within the Compliance with the directive is indicated by affixing the mark all symbols or markings provided on the product, on the packaging, on the assembly instructions or or the catalog and by fully complying with the Product Regulations.				
RULES OF REFERENCE:	<ul> <li>EN 61386-1: "Pipe systems and accessories for electrical installations Part 1: general requirements"</li> </ul>				
	<ul> <li>EN 61386-23: "Pipe systems and accessories for electrical installations Part 23: special requirements for flexible pipe systems and accessories"</li> </ul>				
	UL 1696: "Nonmetallic mechanical protection tubing"				
	<ul> <li>Degrees of protection - The combined use of sheaths-accessories allows to create a closed system with the following characteristics:</li> <li>IP 64 with fixed sheath fittings</li> <li>IP 65 with swivel sheath fittings</li> <li>IP 67 RTGN tube-sheath fitting</li> </ul>				
RESISTANCE CRUSHING: class 2 (above	320 newtons over 5 cm at +:	23 +/- 2 ° C)			
IMPACT RESISTANCE:	class 3 (2 kg from 10 cm to + 5 ° C)				
MINIMUM USE TEMPERATURE:	class 1 (+5 ° C)				



MAXIMUM TEMPERATURE O USE:	<b>F</b> class 1 (+ 60 ° C)				
ELECTRIC INSULATION RESISTANCE:	greater than 100 megohms per 500 V of operation for 1 min				
DIELECTRIC STRENGTH:	above 2000 V - 50 Hz for 15 min				
RESISTANCE TO THE PROPAGATION OF THE FLAME ACCORDING TO EN 60695-11-2: (1KW PREMIXED FLAME)	flame retardant				
RESISTANCE GLAND WIRE TEST EN 60695-2-11:	Test passed at 850 ° C (Glow Wire Test EN 60695-2-11)				
SELF-EXTINGUISHING OF MATERIAL (PVC) ACCORDING TO					
THE UL94 STANDARD:	V0				
FLEXIBILITY:	passes the test of n. 5,000 push-ups with a total swing angle of 180 degrees at a temperature of +5 $^\circ$ C and + 60 $^\circ$ C.				
RADIUS OF CURVATURE: twice the diameter					





MPM1607

