

LV – MV HEAT SHRINKABLE SLEEVE



Physical

Crosslinked polyolefin		
Tensile strength	12 N/mm ² (min.)	ASTM D638
Ultimate elongation	300% (min.)	ASTM D638
Water absorption	0,5 % (max.)	ASTM D570
Density	1,2 ± 0,2 gm/cm ³	ASTM D792
Hardness	45 ± 10 shore D	ASTM D2240

Thermal

Accelerate ageing (a+b)	120°C x 500 hrs	ASTM D2671
Tensile strength (a)	10 N/mm ² (min.)	ASTM D638
Ultimate elongation (b)	250% (min.)	ASTM D638
Low temperature flexibility	(- 40° C x 4 hrs) No cracking	ASTM D2671
Shock termico / Heat shock	(250°C x 30 min.) No cracking	ESI 09-11
Shrink temperature	125°C	IEC 216
Continuos temperature limit	- 55°C +125°C (GSC)	IEC 216
Continuos temperature limit	- 40°C +115°C (GMB - GHB)	IEC 216



Electrical

Dielectric strength	22 kV/mm (min.)	ASTM D149
Volume resistivity	1x10 ¹⁴ Ohm.cm (min.)	ASTM D257



Voltage	Clearance with insulation				Clearance without insulation
	Medium wall tube GMB		Heavy wall tube GHB		
	phase to phase	phase to ground	phase to phase	phase to ground	
12 kV	65 mm	75 mm	35 mm	45 mm	120 mm
17,5 kV	85 mm	105 mm	55 mm	65 mm	160 mm
24 kV	115 mm	150 mm	70 mm	100 mm	220 mm
36 kV	200 mm	285 mm	140 mm	190 mm	320 mm

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Code	D min.	d max.	t ± 10%	Rectangular bar W+B		Round bar Ø		Pack.
	dimensions in mm.			min.	max.	min.	max.	mt
LOW VOLTAGE BLACK COLOR 1,5 kVolt								
GSC 1.5/0.75	1,5	0,75	0,28	=	=	=	=	200
GSC 2.5/1.2	2,5	1,2	0,44	=	=	=	=	200
GSC 4/2	4	2	0,44	=	=	=	=	200
GSC 6/3	6	3	0,56	=	=	=	=	100
GSC 10/5	10	5	0,56	=	=	=	=	100
GSC 12.7/6.35	12,7	6,35	0,56	=	=	=	=	100
GSC 16/8	15	7,5	0,69	12	18	8	12	100
GSC 20/10	20	10	0,78	16	25	12	16	100
GSC 25/12.5	25	12,5	0,78	20	31	14	20	50
GSC 30/15	30	15	0,86	23	38	18	24	50
GSC 40/20	40	20	0,6	34	52	23	33	50
GSC 50/25	50	25	0,96	43	65	28	41	25
GSC 76/38	76	38	1,27	63	97	44	62	25
GSC 100/50	100	50	1,4	102	125	55	80	25
GCS 150/75	150	75	1,4	119	190	80	121	25
MEDIUMVOLTAGE RED BRICK COLOR 24 kVolt								
GMB 16/6	16	6	2	12	18	6,5	12	25
GMB 25/8	25	8	2,5	16	30	9	20	25
GMB 30/12	30	12	2,5	22	38	13,5	25	25
GMB 40/16	40	16	2,5	29	50	18	32	25
GMB 50/20	50	20	2,5	36	63	22	40	25
GMB 65/25	65	25	2,7	46	82	28	52	25
GMB 75/28	75	28	3	55	94	33	60	25
GMB 85/32	85	32	3	58	107	37	68	25
GMB 100/38	100	38	3	70	126	44	80	25
GMB 120/45	120	45	3	90	150	55	96	15
GMB 150/60	150	60	3	110	200	70	127	15
GMB 180/70	180	70	3	125	226	80	144	15
GMB 205/85	205	85	3	200	257	127	164	15
GMB 250/120	250	120	3	220	314	140	200	15
MEDIUMVOLTAGE RED BRICK COLOR 36 kVolt								
GHB 25/8	25	8	3.7	17	28	11	20	25
GHB 30/12	30	12	4.0	21	33	15	25	25
GHB 40/16	40	16	4.0	28	45	15	32	25
GHB 50/20	50	20	4.0	34	54	24	40	25
GHB 65/25	65	25	4.0	41	62	27	43	25
GHB 75/28	75	28	4.0	47	69	28	47	20
GHB 85/32	85	32	4.0	58	100	37	68	20
GHB 100/38	100	38	4.2	69	102	44	72	20
GHB 120/45	120	45	4.2	83	125	50	85	15
GHB 150/60	150	60	4.5	102	168	65	105	15
GHB 180/70	180	70	4.5	133	196	85	125	15
GHB 205/85	205	85	4.5	200	250	127	164	15