



Features/Applications

GREMSHAPES® GCES is a holt melt lined polymeric shape. GREMSHAPES® GCES offers a superior thermal stabilisation and non-tracking and weather resistant features. GREMSHAPES® GCES is suitable to protect 3-core outdoor terminations against rain and surface discharge.

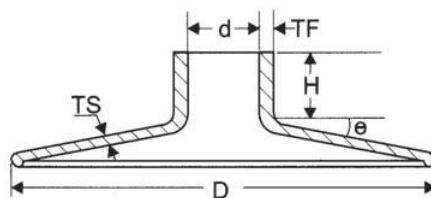
Various

Standard colour: Red.

Dimensions

Reference	D (mm) ±2	d (mm)		H (mm)	e (mm)	Recovered wall thickness (±20%)	
		a (min.)	b (max.)			TS (mm)	TF (mm)
GCES 1	92	35	13	17	10°	2,5	2,5
GCES 2	124	47	21	20	10°	2,8	2,8
GCES 3	142	57	31	24	10°	2,8	2,8
GCES 4	142	72	41	28	10°	2,8	2,8

• a : as supplied / b : after free recovery



Property	Values	Test Methods
Physical		
Working temperature	-55°C to +105°C	-
Specific gravity	1,19 ±0,2	ASTM D 1505
Tensile strength	Unaged	≥ 6 Mpa
Elongation at break		≥ 200%
Tensile strength	Thermal ageing	≥ 5,5 Mpa
Elongation at break	500h @ 120°C	≥ 100%
Tensile strength	Weatherability	≥ 5,5 Mpa
Elongation at break	5000h in U.V. (Tester)	≥ 200%
Water absorption	Aged 168h @ 120°C	< 1 %
Hardness	28 ± 3 shore D	ASTM D 2240
Electrical		
Volume resistivity	≥ 1x10 ¹² Ω.cm	ASTM D 257 / IEC 93
Dielectric strength	≥ 15 kV/mm	ASTM D 149 / IEC 243
Dielectric constant	< 5	ASTM D 150 / IEC 250
Resistant to tracking and erosion	up to 3,25 kV for 20 mins	ASTM D 2303

Recommended storage conditions: Keep in cool, dry, ventilated storage (maximum temperature of 35°C) and in closed containers.

