



Features/Applications

GREMSEAL® GSS-L is a heat shrink solder termination sleeve made of an transparent irradiated heat shrink polyvinylidene fluoride tubing, a pre-fluxed solder perform and a meltable sealing inserts.

GREMSEAL® GSS-L offers a high resistance to abrasion, good insulation characteristics and outstanding encapsulation properties.

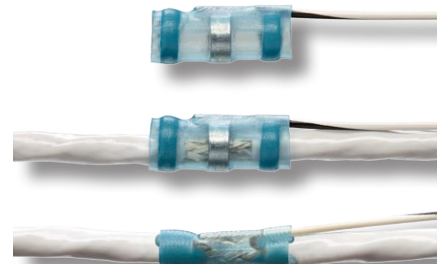
GREMSEAL® GSS-L is suitable for a wide variety of cable, pin-to-pin and wire-to-pin terminations.

Various

Standard colours: tube: blue transparent, rings: clear & blue

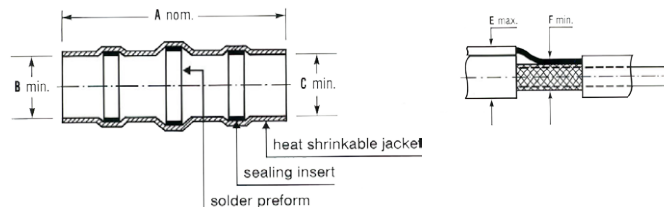
Qualified to NAS 1745 standard.

150°C & 175°C versions are available on request.



Dimensions

Reference	As supplied (mm)		Wire Dimensions (mm)	Unit quantity / box quantity
	Lenght A (nom.)	Diameter B / C (min.)	Installation ref. E (max.) / F (Min.)	
GREMSEAL® GSS-L				
L1	15,9	1,9 / 2,4	2,4 / 0,9	100 / 2000
L2	15,9	2,8 / 3,2	3,2 / 1,4	100 / 2000
L3	15,9	4,6 / 5,1	5,1 / 2,2	100 / 2000
L4	19,1	6,0 / 6,5	6,5 / 3,3	100 / 2000
L5	19,1	7,1 / 7,6	7,6 / 4,3	100 / 2000
L6	27,9	11,2 / 11,7	11,7 / 5,7	20 / 20
L7	27,9	13,3 / 13,8	13,8 / 8,9	20 / 20



Materials:

- Insulation sleeve: Heat shrinkable, radiation crosslinked, modified Polyvinylidene fluoride
- Meltable sealing rings: Thermally stabilized thermoplastic
- Solder preform:
 - Alloy: Cd18 per ANSI-J-STD-006
 - Flux: ROL1 (type RMA) per ANSI-J-STD-004



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Property		Values	Test Methods
Physical	Pullout strength	4,5 N Min.	Pass
	Dielectric strength	≥ 35 kV/mm	ASTM D 2671
Electrical	Voltage drop	2mV max.	Pass
	Temperature cycling	-65°C to 150°C, 5 cycles Voltage drop Max. 2,5 mV	Pass
			NAS 1745
Chemical	Flammability	Self-extinguishing	NAS 1745
	Fluid resistance	24h @ 25°C (after immersion)	≥ 25 kV/mm
	Corrosion resistance	≤ 2,2 mV	NAS 1745
	Copper corrosion	16h @ 121°C	no corrosion
			NAS 1745

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

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Whilst every attempt is made to provide data that is as accurate as possible the values provided should be treated as a guide only. It remains the responsibility of the user to test the product and determine suitability. GREMTEK shall not be held responsible for any loss or defect resulting from incorrect, improper or inappropriate use of this product.