



High EMI shielding & environmental sealing for doors, lids & cabins

DESCRIPTION

SSDP Dual Type Wire Mesh Gasket consists of Knitted wire or knitted wire over elastomer core combined with elastomer. It provides excellent EMI Shielding along with Environmental sealing.

APPLICATION

It can be used in places where both EMI/EMP Shielding and Environmental sealing are required. It can be used for sealing:

- Doors
- Lids
- Cabins

TECHNICAL SPECIFICATION:

Parameter	Specification
Wire Knitting	<ul style="list-style-type: none"> • SSD-T-SHIELD* • Tin plated Copper • Stainless Steel • Monel
Wire Dia	0.1 +/- 0.02mm Dia.
Elastomer	<ul style="list-style-type: none"> • NBR Foam • Neoprene • Silicone Solid • Silicone Sponge
Temperature Range(°C)	i) -20°C to 110°C for NBR Foam ii) -30°C to 100°C for Neoprene iii) -60°C to 260°C for Silicone Solid iv) -75°C to 205°C for Silicone Sponge

EMI SHIELDING PERFORMANCE:

Frequency	Shielding Effectiveness(dB)		
	Monel	SSD-T-SHIELD	Multi-layer
100kHz (H Field)	60	80	85
10 MHz (E Field)		130	135
1 GHz (Plane Wave)	95	105	110
10 GHz (Plane Wave)	90	95	100

*SSD-T-SHIELD is a specially designed wire from SSD POLYMERS which consists of Tin, Copper and Iron.