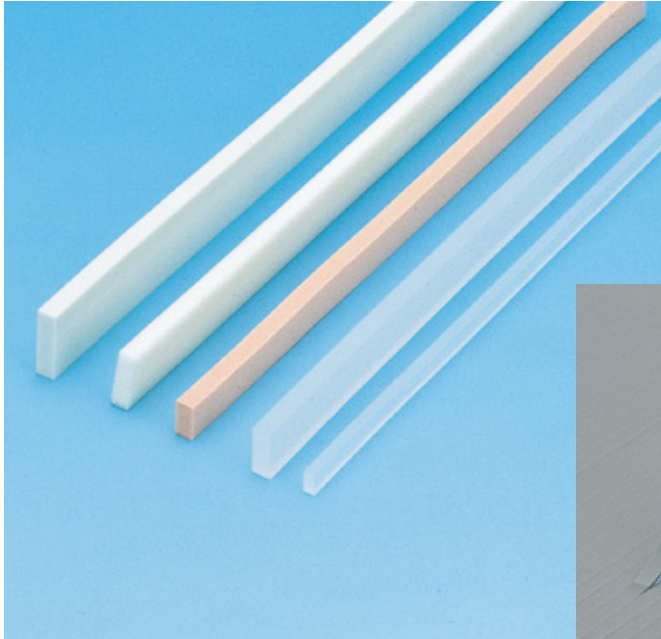


Shin-Etsu Inter-Connector®

DM TYPE

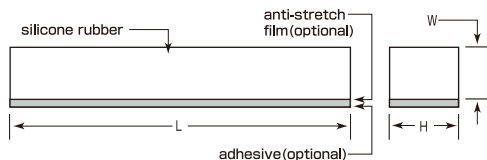


FEATURES

DM-type Inter-Connector is made up of silicone rubber and used as a protective presser foot or a spacer. The material, hardness, or additional specification (with adhesive/adhesive tape) can be custom-made.



OUTLINE DIMENSIONS



MATERIAL, DIMENSIONS

Item	Unit	SS-20 type	SS-50 type	W-70 type	SPH-151 type
Colour tone		Translucent · Gray · Black	Translucent · Gray · Black	White · Gray	White
Shore hardness A		20°	50°	70°	8°
Silicone rubber		Solid insulative	Solid insulative	Solid insulative	Sponge insulative
Remarks		Counterpart of SS-type			
Length	mm	1.0~370.0	1.0~370.0	1.0~290.0	1.0~370.0
Height	mm	1.0~250.0	1.0~250.0	1.0~250.0	1.0~250.0
Width	mm	0.2~6.0	0.2~6.0	0.3~5.0	0.8~5.0

Item	Unit	SPO-951 type	UL-50 type	NA-50B type	VO-50 type
Colour tone		Pink · Black	Light Gray	Gray	Black
Shore hardness A		20°	50°	50°	50°
Silicone rubber		Sponge insulative	Silicone rubber	Silicone rubber	Silicone rubber
Remarks		Counterpart of SG-type	Flame resistance	Tape	Tape
Length	mm	1.0~370.0	1.0~370.0	1.0~400.0	1.0~400.0
Height	mm	1.0~250.0	1.0~250.0	1.0~250.0	1.0~250.0
Width	mm	0.4~6.0	0.2~6.0	0.1~0.5	0.1~0.5

*H≥W/2

Shin-Etsu Inter-Connector has been registered in European Community, TM No. 000299016, and in the United States of America, TM No. 2078941.

BASIC PROPERTIES AND MATERIAL TOLERANCES

Item	Unit	SS-20	SS-50	W-70	SPH-151
Specific gravity		1.10	1.15	1.20	0.6
Tensile strength	(Mpa)	2 \leq	6.0 \leq	6.8 \leq	1.8 \leq
Compression set	(%)	300~400	250~400	180~250	350 \leq
Shore hardness A		20 \pm 5	50 \pm 5	70 \pm 5	8 \pm 5
Compression set	(%)	5~15	5~15	5~15	30 \geq
Volume resistivity	(M Ω)	8 \times 10 ¹¹	8 \times 10 ¹¹	1 \times 10 ¹²	1 \times 10 ⁹
Insulation resistance	(Ω)	10 ⁹ \leq	10 ⁹ \leq	10 ⁹ \leq	10 ⁹ \leq
Operating temperature range	($^{\circ}$ C)	-25~85	-25~85	-25~85	-25~85
Dielectric breakdown voltage	kV/mm	23~27	23~27	23~27	20~25

Item	Unit	SPO-951	UL-50	NA-50B	VO-50
Specific gravity		0.7	1.50	1.15	1.30
Tensile strength	(Mpa)	2.8 \leq	4.5 \leq	6.0 \leq	4.5 \leq
Compression set	(%)	250 \leq	350 \leq	250~400	300 \leq
Shore hardness A		20 \pm 5	50 \pm 5	50 \pm 5	50 \pm 5
Compression set	(%)	10~20	40 \geq	5~15	40 \geq
Volume resistivity	(M Ω)	1 \times 10 ⁹	1 \times 10 ¹²	8 \times 10 ¹¹	1 \times 10 ¹²
Insulation resistance	(Ω)	10 ⁹ \leq	10 ⁹ \leq	10 ⁹ \leq	10 ⁹ \leq
Operating temperature range	($^{\circ}$ C)	-25~85	-25~85	-25~85	-25~85
Dielectric breakdown voltage	kV/mm	20~25	23~27	23~27	23~27

Note) Every item or numerical value indicated herein is measured by Shin-Etsu and out of guarantee.
 The quality of the connector, which has been already assembled, is out of guarantee.
 Please make sure to see about the purpose/conditions of use and practice your own test.
 Industrial ownership like patent doesn't guarantee the usage of the connector

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