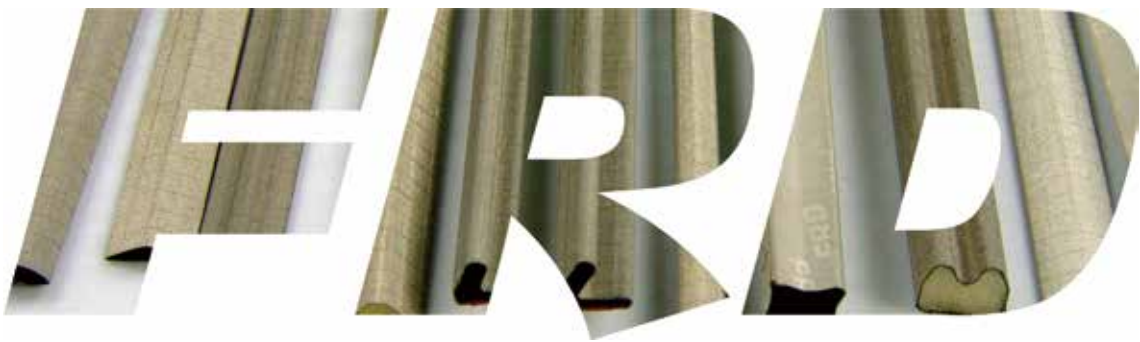




Stock Code: 300602

EMI SHIELDING SOLUTIONS

FABRIC-OVER-FOAM (FOF)





Company Overview

Established in Shenzhen, China, in 1993, FRD manufactures a wide range of products including EMI Shielding Materials, Thermal Interface Materials and other related electronic materials. FRD (Stock Code: 300602) is a registered National Hi-Tech Enterprise and certificate of ISO9001, ISO14001, QC080000 and OHSAS18001.

FRD works to satisfy the needs of its customers and we excel in speed and flexibility. FRD has long-term business relationships with customers such as Huawei, ZTE, Lenovo, CRRC, BAIC Group, Microsoft, Cisco, Samsung, Facebook, Nokia, Dell, Jabil, Emerson, BYD, Foxconn, Flex, Xiaomi, GREE, PEGATRON, SANMINA-SCI, O-Film FUJI XEROX, TOSHIBA, etc.

As a leading manufacturer in its industry, FRD is growing tremendously. We are willing to provide quality products and services for more customers in various industries than our competition. These industries include networks & telecommunication equipment, consumer electronics, automotive, power supplies, lighting, military, aerospace, etc.

In the future, FRD will continue to meet the challenge, to grow the FRD brand name, and to strive to become a world-class technology leader in new materials for all of our manufacturing processes.



FRD Building (Shenzhen)



New South China Base

Shenzhen Guangming FRD New Materials Park



East China Base

Kunshan FRD Electronic Materials Co.,Ltd.



North China Base

Tianjin FRD Science & Technology Co.,Ltd.

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Fabric-Over-Foam(FoF)



FRD[®] Fabric-Over-Foam(FoF)

FRD now has been conducting R&D, design and manufacturing conductive fabric projects. A number of the relevant technologies are in a leading position in the domestic industry. For example, the product of Halogen-Free Flame-Retardant Fabric-Over-Foam launched in 2009 filled the domestic to the product gaps. FRD now has 24 full-automatic high-speed production lines, monthly production capacity of more than 7 million meters.

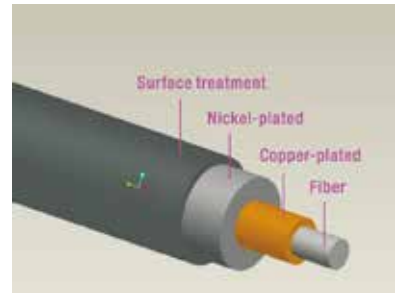
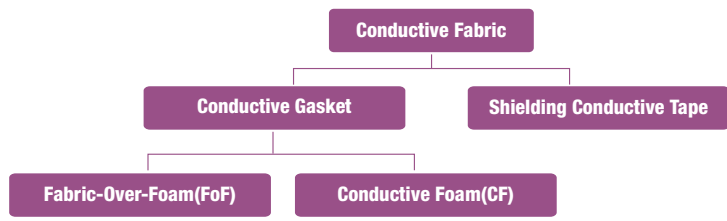
FoF product line shares 80% of the conductive fabric project. Its customers include in different areas, such as consuming electronics, telecommunications, automotive, medical, military, and many other categories.

FoF gasket is the conductive fiber cloth which is electrically conductive and corrosion resistant, lined with PU foam of low compression force. It has a good shielding effectiveness. Conductive fabric is the polyester fiber covered with copper and nickel metal. The combination of copper and nickel provide excellent conductivity and shielding effectiveness. FoF gasket provides excellent shielding effectiveness in the range of 30MHz to 40GHz.

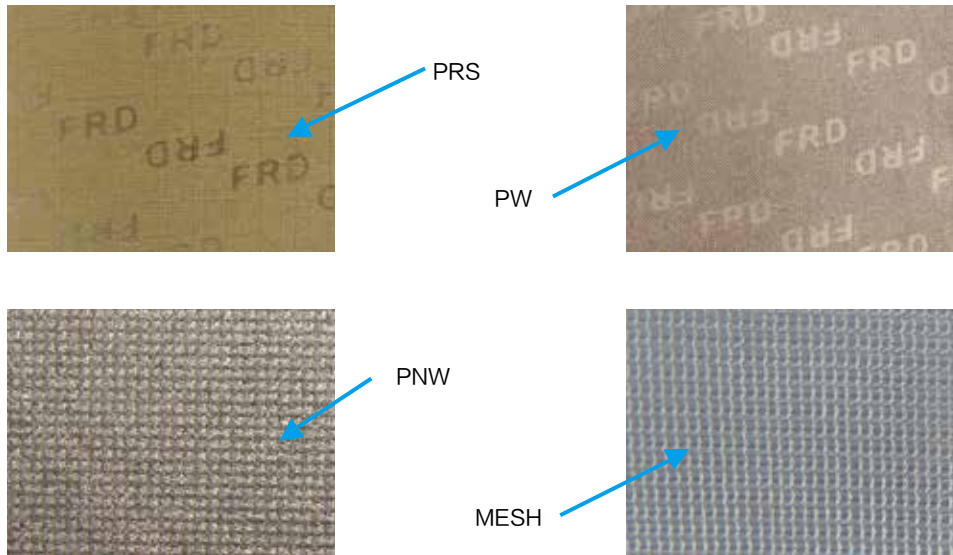
FoF gasket is particularly applicable to the low compression force environments. It is a cost effective product that can apply consuming electronics, telecommunications, automotive, medical, military, ect..



Conductive Fabric Project Classify



FoF Raw Materials



Conductive Fabric Production Workshop



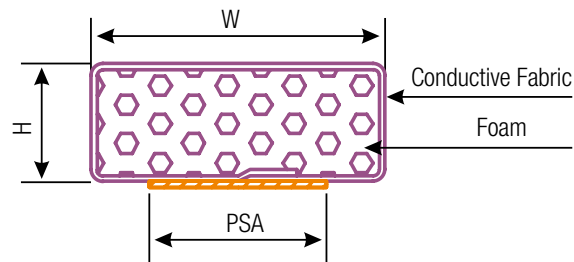
Conductive Fabric Over Foam (FOF)

Fabric-Over-Foam(FoF)

FoF gasket is for the substrate with a conductive fabric, elastic properties and has a certain function of anti-electromagnetic interference electronic equipment used to prevent the electromagnetic waves through the components.

In order to give client-side design engineers to provide more useful information, we are here to talk about the product features FoF gasket, type, material, product standard sizes and configurations. If these elements can not meet your needs, please contact our engineers, we will be based on your needs to design and manufacture of products.

FoF Gasket Structure:



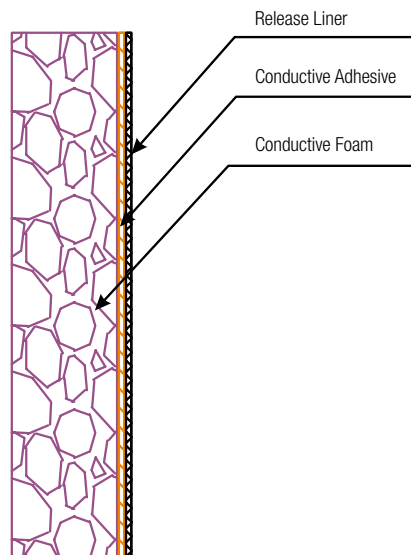
Conductive Foam(CF)

Conductive Foam(CF)

The CF is a type of brand new shielding material, it is an X-Y-Z-axis conductive material, of which the shielding effectiveness is greater than traditional FOF gaskets. It can meet the increasing demands of shielding effectiveness. CF is suitable for I/O port.

The CF is composed of 4 layers with the first layer of polyester fiber, the second layer of PU foam, the third layer of polyester fiber, the fourth layer of conductive adhesive.

Conductive Foam:



The Advantages of FOF

- Good conductivity, high shielding effectiveness ($\geq 80\text{dB}$ 30MHz~18GHz) (Figure 1)
- A good antioxidant, anti-corrosion
- Very good wear resistance, high reliability (≥ 100 million times)
- Very soft, suitable for the occasion can not provide greater pressure
- Low price, it is very good shielding material
- Installation is simple and diverse, suitable for paste, slot
- Products adhesion ROHS, Halogen Free, REACH, UL94-V0 requirements in general.

Fabric-Over-Foam (FoF) is an excellent cost-effective EMI shielding materials.

Our Advantage

- Reserves experienced FOF design engineers who can provide the optimal shielding solutions based on the customers' requirements;
- Strong R&D capability, halogen free FOF gasket can meet UL94-V0 flame retardant;
- Quick response: Sampling within 24hours,
- Output capacity: 7 million meter/month

Technical Specifications of Fabric-Over-Foam Gasket

Characteristics	Specifications	Test Standard
Electrical Property		
Shielding Effectiveness	$\geq 80\text{ dB}$ (30MHz~18GHz) (Figure 1)	MIL-DTL-83528F
Surface Resistance	$\leq 0.05\text{ Ohms/inch}^2$	MIL-DTL-83528F
Compression Resistance	$\leq 0.05\text{ Ohms}$ (Compression 30%) (Figure 2)	Industrial standard
Mechanical Property		
Abrasion Resistance	$\leq 1\text{ Ohms/sq}$ (1,000,000 cycles)	ASTM D 3885
Compression Force	$\leq 50\text{N}$ (Compression 30%) (Figure 2)	Industrial standard
Compression Set	$\leq 20\%$ (Compressed 50% for 22hrs at 70 °C)	ASTM D 3574
Compression Range	30~70%	Industrial standard
Reliability Test	$\leq 0.20\text{ Ohms/inch}^2$ (120hrs cycles)	Industrial standard
Salt Spray	$\leq 0.20\text{ Ohms/inch}^2$ (24hrs)	ASTM B 117
Adhesive Force	$\geq 1.0\text{ Kg/in}$	ASTM D 3330
Others		
Flame Retardant	UL94 V0	UL94
RoHS	2011/65/EU (RoHS 2.0) Compliant	IEC 62321
Service Temperatures	Option 1	-40°C to +70°C
	Option 2	-40°C to +125°C
Halogen Content	$\leq 900\text{ ppm}$ chlorine & $\leq 900\text{ ppm}$ bromine & 1500 ppm max for both	EN 14582

The technical specification data is based on FRD electronic materials tests and analysis that we believe to be reliable. However, in no event, shall FRD electronic materials be liable for the inaccuracies or omissions contained therein. In all cases, details and values should be verified by the customer.

Fabric

Fabric types	Mental Coating	Conductivity (ASTM F390)	Application	Benefits
Ripstop	Ni/Cu	≤ 0.05 Ohms/inch ²	I/O or Profile Gaskets	Complex shapes, flame retardant, shear resistance
Taffeta	Ni/Cu	≤ 0.05 Ohms/inch ²	I/O or Profile Gaskets	Complex shapes, flame retardant
Knit Mesh	Ni/Cu	≤ 0.05 Ohms/inch ²	I/O Gaskets	Low cost, flame retardant
Non-Woven	Ni/Cu	≤ 0.05 Ohms/inch ²	I/O Gaskets	Low cost, flame retardant

Foam

Foam Types	Compression Set (ASTM D3574)	Color	Application	Benefits
PU Foam	$\leq 20\%$	Charcoal	I/O or Profile Gaskets	Complex shapes, flame retardant, Low Compression Gaskets
Silicon Foam	$\leq 20\%$	N/A	I/O or Profile Gaskets	Complex shapes, Flame retardant

Pressure Sensitive Adhesive

Pressure Sensitive Adhesive	Adhesive Force (ASTM D3330)	Conductivity	Application	Temperature Resistance
3M™ 9485PC or equivalent	≥ 1.0 Kg/in	N/A	High tack, Shear Resistance	-30°C to 160°C
TT 219 or equivalent	≥ 0.8 Kg/in	≤ 0.05 Ohms/inch ²	High tack, Conductivity	-10°C to 100°C

Other Pressure Sensitive Adhesives can be provided. Contact engineering to discuss requirements.

The recommended operating compression for Fabric-Over-Foam EMI Gaskets will vary depending on the shape and size of the particular gasket. Typically, D-shaped, Rectangular Shaped, and Triangle Shaped Fabric-Over-Foam EMI Gaskets should be compressed between 30%-50% of the foam height. Similarly, C shaped Fabric-Over-Foam EMI Gaskets should typically be compressed between 50%-70% of the gasket height.

Displacement Force Resistance (DFR) graphs are available upon request (Figure 2). Please contact Engineering when unsure.

Test Data

Figure 1 Shielding Effectiveness
Bell Shape-Profile 51K441K2E/Rectangle Shape-Profile 51R391B2E

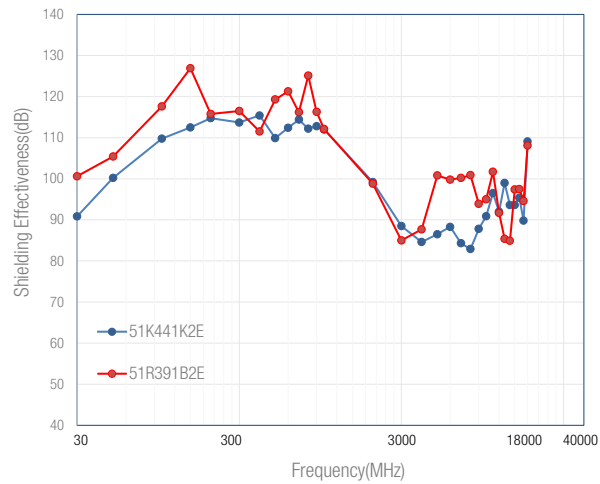
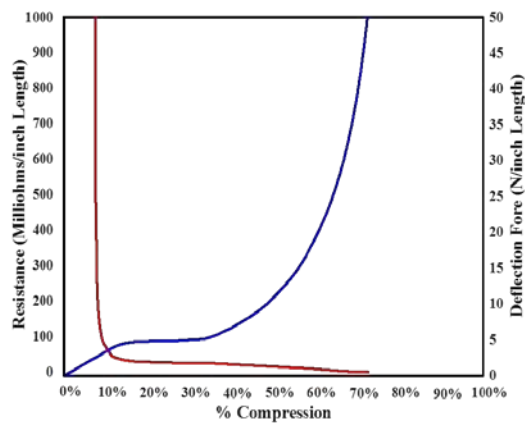


Figure 2 Displacement Force Resistance (DFR) Test Data
Triangle Shape-Profile 51T401B2E



Test Equipment

- Projection Testing Apparatuses
- Stripping Force Testing Apparatus
- Salt Spray Testing Machine
- Type EDX3600B RoHS Detector
- Horizontal-Vertical Flame Tester
- Steady Temperature Damp Testing Apparatus
- 4-Point Resistivity with Multi-meter
- Electronic Universal Test Machine
- Force Displacement Resistance Tester
- Textile Abrasion Tester
- A&D Electronic Density Meter
- Precision Thickness Gauge
- Optical Microscope
- Low DC Resistance Tester

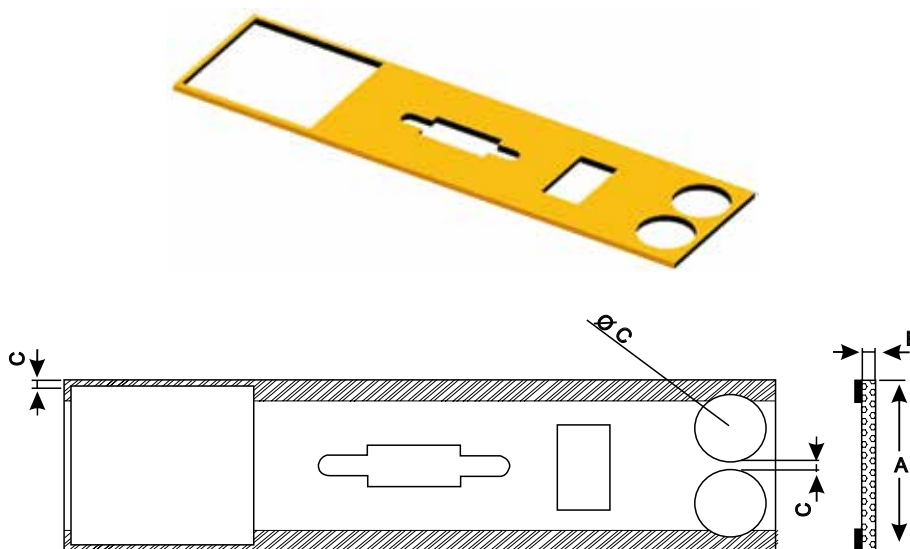
The Product Size and Tolerance

Tolerance Standard

- I/O: Height, Width, Length: $\pm 0.5\text{mm}$
- Profile: Height & Width: $\pm 0.5\text{mm}$
- Profile Length:
- 0.5 ----- 3mm: $\pm 0.2\text{mm}$
- 3.0 ----- 6mm: $\pm 0.3\text{mm}$
- 6.0 ----- 30mm: $\pm 0.5\text{mm}$
- 30 ----- 120mm: $\pm 0.8\text{mm}$
- 120 ----- 400mm: $\pm 1.2\text{mm}$
- 400 ----- 1000mm: $\pm 2.0\text{mm}$
- 1000 --- 2000mm: $\pm 3.0\text{mm}$
- 2000 --- 4000mm: $\pm 4.0\text{mm}$

Dimension Notes

- A cross-section width of the product is less than 150mm, the thickness of B is less than 30mm
- I/O product, the hole -to -hole distance and the hole- to- edge distance must shorter than 1.5mm, the diameter of the hole must smaller than 1.5mm
- The directions of the adhesive and liner are the same as the wrapping direction
- The length of the product cannot be longer than 2500mm



FOF Part Number System

P/N: 51 X XX X X X X XXXXX X

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

① **51 - PRODUCT TYPE**

51 - Fabric-Over-Foam

② **X - PROFILE SHAPE**

R	Rectangle	D	D-Shape	C	C-Shape
H	I/O	T	Triangle Shape	K	Bell
Q	Custom	P	P-Shape		

③ **XX - PROFILE NUMBERS**

Sequence code from 00 - ZZ, If enough 000 - ZZZ

④ **X - CUSTOMIZED OPTIONS**

1~9 or A-Z Tape Type/Spec/Positions...

Designate part-specific attributes of the product including tape type, tape width, tape position, with or without PET and a variety of other customized detail. "1" is the default and usually designates Pressure Sensitive Adhesive centered on base. These digits will be supplied by FRD Technologies Engineering Personnel.

⑤ **X - Fillers**

Designate the core material

A	No Foam	B	PU Foam	C	HD-PU Foam
D	LD-PU Foam	F	PET/FRP.....Carrier	K	HT -PU Foam
M	CF	N	Compression Foam		
P	Silicon Foam (Service Temperature -40~125°C)				

⑥ **X - FLAMMABILITY RATING (FR)**

Designate the flame rating of product

0	No Rating
1	UL94 V0 + ROHS
2	UL94 V0 + ROHS + Halogen-Free

⑦ **X - FABRIC COVERING**

Designate the fabric cover of product

A	AL Foil	B	Black Fabric	C	Non Conductive Ripstop
E	Ni/Cu Ripstop	H	Ni/Cu Taffeta		

⑧ **XXXXX - LENGTH EXTENSION**

Designate the part length in millimeters to one decimal places. For the example shown above, the "01524" denotes a 6.00 inch (152.4mm) long gasket.

⑨ **X - IDENTIFICATION CODE**

In view of the same product, if the customer request unit/layout/packing and so on at the same time, should be distinguish from A to Z

CF & Conductive Tape Part Number System

P / N : 5 2 X XXX X XXXX XXXX X

① ② ③ ④ ⑤ ⑥ ⑦

- ① **52 - PRODUCT TYPE**
52 - Conductive Foam
- ② **X - ADHESIVE**
A - No adhesive
B - Conductive Adhesive
C - Non conductive Adhesive
D - Custom
- ③ **XX - PRODUCT THICKNESS**
For example: 100 = 1.00 mm; 025 = 0.25 mm
- ④ **X - SHAPE**
R - Rectangle
P - Punching
- ⑤ **XXXX - WIDTH EXTENSION**
Four digits, for example, 1234 = 123.4 mm
- ⑥ **XXXX - LENGTH EXTENSION**
Four digits, for example, 1234 = 123.4 mm
- ⑦ **X - IDENTIFICATION CODE**
In view of the same product, if the customer request unit/layout/packing and so on at the same time, should be distinguish from A to Z

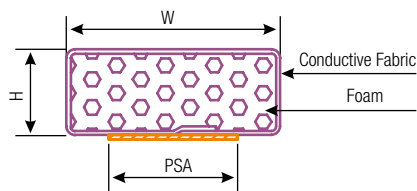
FOF Gasket (Rectangle)

Rectangle														
P/N	H(inch : mm)		W(inch : mm)		P/N	H(inch : mm)		W(inch : mm)		P/N	H(inch : mm)		W(inch : mm)	
51R11	0.079	2.0	0.709	18.0	51R60	0.157	4.0	0.157	4.0	51RA9	0.079	2.0	0.118	3.0
51R13	0.118	3.0	0.236	6.0	51R62	0.059	1.5	0.157	4.0	51RB1	0.059	1.5	0.205	5.2
51R14	0.118	3.0	0.157	4.0	51R63	0.709	18.0	0.945	24.0	51RB2	0.079	2.0	0.508	12.9
51R15	0.028	0.7	0.394	10.0	51R64	0.197	5.0	0.394	10.0	51RB3	0.059	1.5	0.787	20.0
51R16	0.126	3.2	0.236	6.0	51R65	0.126	3.2	0.500	12.7	51RB4	0.098	2.5	0.197	5.0
51R17	0.118	3.0	0.197	5.0	51R66	0.197	5.0	0.315	8.0	51RB5	0.157	4.0	0.177	4.5
51R19	0.098	2.5	0.157	4.0	51R67	0.126	3.2	0.374	9.5	51RB6	0.059	1.5	0.236	6.0
51R20	0.252	6.4	0.252	6.4	51R68	0.500	12.7	0.500	12.7	51RB7	0.197	5.0	0.354	9.0
51R21	0.394	10.0	0.394	10.0	51R69	0.079	2.0	0.315	8.0	51RB8	0.079	2.0	0.433	11.0
51R22	0.118	3.0	0.118	3.0	51R70	0.059	1.5	0.315	8.0	51RB9	0.551	14.0	0.315	8.0
51R23	0.118	3.0	0.315	8.0	51R71	0.079	2.0	0.197	5.0	51RC1	0.374	9.5	0.500	12.7
51R24	0.059	1.5	0.197	5.0	51R72	0.472	12.0	0.394	10.0	51RC2	0.039	1.0	0.524	13.3
51R25	0.039	1.0	0.197	5.0	51R73	0.059	1.5	0.252	6.4	51RC3	0.020	0.5	0.063	1.6
51R26	0.039	1.0	0.394	10.0	51R74	0.039	1.0	0.079	2.0	51RC4	0.014	0.4	0.276	7.0
51R27	0.039	1.0	0.118	3.0	51R75	0.138	3.5	0.138	3.5	51RC5	0.157	4.0	0.197	5.0
51R28	0.055	1.4	0.098	2.5	51R76	0.024	0.6	0.354	9.0	51RC6	0.039	1.0	0.433	11.0
51R29	0.106	2.7	0.276	7.0	51R77	0.012	0.3	0.217	5.5	51RC7	0.157	4.0	0.138	3.5
51R30	0.098	2.5	0.264	6.7	51R78	0.094	2.4	0.929	23.6	51RC8	0.157	4.0	0.394	10.0
51R31	0.039	1.0	0.276	7.0	51R79	0.787	20.0	0.276	7.0	51RC9	0.039	1.0	0.787	20.0
51R32	0.059	1.5	0.394	10.0	51R80	0.020	0.5	0.157	4.0	51RD1	0.256	6.5	1.000	25.4
51R33	0.118	3.0	0.787	20.0	51R81	0.039	1.0	0.236	6.0	51RD2	0.110	2.8	0.197	5.0
51R34	0.256	6.5	1.122	28.5	51R82	0.094	2.4	0.929	23.6	51RD3	0.157	4.0	0.256	6.5
51R35	0.079	2.0	0.157	4.0	51R83	0.079	2.0	0.276	7.0	51RD4	0.197	5.0	0.157	4.0
51R36	0.315	8.0	0.591	15.0	51R84	0.079	2.0	0.138	3.5	51RD5	0.079	2.0	0.150	3.8
51R37	0.079	2.0	0.394	10.0	51R85	0.039	1.0	0.315	8.0	51RD6	0.059	1.5	0.709	18.0
51R38	0.020	0.5	0.276	7.0	51R86	0.177	4.5	0.157	4.0	51RD7	1.181	30.0	0.394	10.0
51R39	0.039	1.0	0.177	4.5	51R87	0.189	4.8	0.299	7.6	51RD8	0.252	6.4	0.500	12.7
51R40	0.035	0.9	0.472	12.0	51R88	0.276	7.0	0.236	6.0	51RD9	0.256	6.5	0.866	22.0
51R41	0.035	0.9	0.354	9.0	51R89	0.276	7.0	0.157	4.0	51RE1	0.079	2.0	0.098	2.5
51R42	0.067	1.7	0.157	4.0	51R90	0.315	8.0	0.236	6.0	51RE2	0.047	1.2	0.079	2.0
51R43	0.118	3.0	0.551	14.0	51R91	0.079	2.0	0.236	6.0	51RE3	0.098	2.5	0.866	22.0
51R44	0.157	4.0	0.220	5.6	51R92	0.039	1.0	0.157	4.0	51RE4	0.134	3.4	0.236	6.0
51R45	0.091	2.3	0.177	4.5	51R93	0.197	5.0	0.197	5.0	51RE5	0.177	4.5	0.256	6.5
51R46	0.079	2.0	0.079	2.0	51R94	0.039	1.0	0.098	2.5	51RE6	0.047	1.2	0.059	1.5
51R47	0.098	2.5	0.118	3.0	51R95	0.217	5.5	0.276	7.0	51RE7	0.177	4.5	0.276	7.0
51R48	0.118	3.0	0.591	15.0	51R96	0.138	3.5	0.512	13.0	51RE8	0.157	4.0	0.374	9.5
51R49	0.138	3.5	0.118	3.0	51R97	0.138	3.5	0.394	10.0	51RE9	0.118	3.0	0.201	5.1
51R50	0.024	0.6	0.102	2.6	51R98	0.177	4.5	0.197	5.0	51RF1	0.118	3.0	0.362	9.2
51R51	0.020	0.5	0.315	8.0	51R99	0.177	4.5	0.236	6.0	51RF2	0.205	5.2	0.268	6.8
51R52	0.236	6.0	0.118	3.0	51RA1	0.236	6.0	0.098	2.5	51RF3	0.205	5.2	0.283	7.2
51R53	0.059	1.5	0.118	3.0	51RA2	0.236	6.0	0.591	15.0	51RF4	0.283	7.2	0.354	9.0
51R54	0.024	0.6	0.236	6.0	51RA3	0.138	3.5	0.315	8.0	51RF5	0.283	7.2	0.248	6.3
51R55	0.118	3.0	0.177	4.5	51RA4	0.315	8.0	0.315	8.0	51RF6	0.083	2.1	0.394	10.0
51R56	0.197	5.0	0.236	6.0	51RA5	0.138	3.5	0.630	16.0	51RF7	0.083	2.1	0.268	6.8
51R57	0.039	1.0	0.217	5.5	51RA6	0.315	8.0	0.394	10.0	51RF8	0.244	6.2	0.248	6.3
51R58	0.079	2.0	0.374	9.5	51RA7	0.098	2.5	0.472	12.0	51RF9	0.236	6.0	0.197	5.0
51R59	0.984	25.0	0.591	15.0	51RA8	0.059	1.5	0.130	3.3	51RG1	0.236	6.0	0.394	10.0

FOF Gasket (Rectangle)

Rectangle														
P/N	H(inch : mm)		W(inch : mm)		P/N	H(inch : mm)		W(inch : mm)		P/N	H(inch : mm)		W(inch : mm)	
51RG2	0.433	11.0	0.394	10.0	51RN9	0.059	1.5	0.098	2.5	51RT7	0.047	1.2	0.197	5.0
51RG3	0.433	11.0	0.197	5.0	51RP1	0.039	1.0	0.220	5.6	51RT8	0.087	2.2	0.197	5.0
51RG4	0.020	0.5	0.197	5.0	51RP2	0.039	1.0	1.969	50.0	51RT9	0.039	1.0	0.201	5.1
51RG5	0.220	5.6	0.311	7.9	51RP3	0.236	6.0	0.472	12.0	51RV1	0.035	0.9	0.071	1.8
51RG6	0.075	1.9	0.476	12.1	51RP4	0.217	5.5	0.157	4.0	51RV2	0.051	1.3	0.091	2.3
51RG7	0.020	0.5	0.079	2.0	51RP5	0.787	20.0	0.591	15.0	51RV3	0.051	1.3	0.236	6.0
51RG8	0.012	0.3	0.370	9.4	51RP6	0.020	0.5	0.150	3.8	51RV4	0.016	0.4	0.201	5.1
51RG9	0.020	0.5	0.394	10.0	51RP7	0.039	1.0	0.246	6.3	51RV5	0.394	10.0	0.472	12.0
51RH1	0.866	22.0	0.591	15.0	51RP8	0.236	6.0	0.157	4.0	51RV6	0.315	8.0	0.472	12.0
51RH2	0.055	1.4	0.079	2.0	51RP9	0.472	12.0	0.315	8.0	51RV7	0.551	14.0	0.394	10.0
51RH3	0.157	4.0	0.236	6.0	51RQ1	0.012	0.3	0.118	3.0	51RV8	0.472	12.0	0.197	5.0
51RH4	0.079	2.0	0.591	15.0	51RQ2	0.217	5.5	0.394	10.0	51RV9	0.020	0.5	0.264	6.7
51RH5	0.236	6.0	0.315	8.0	51RQ3	0.024	0.6	0.315	8.0	51RW1	0.059	1.5	0.201	5.1
51RH6	0.087	2.2	0.098	2.5	51RQ4	0.087	2.2	0.116	3.0	51RW2	0.079	2.0	0.201	5.1
51RH7	0.063	1.6	0.157	4.0	51RQ5	0.063	1.6	0.071	1.8	51RW3	0.020	0.5	0.118	3.0
51RH8	0.236	6.0	0.236	6.0	51RQ6	0.087	2.2	0.071	1.8	51RW4	0.071	1.8	0.177	4.5
51RH9	0.472	12.0	0.591	15.0	51RQ7	0.039	1.0	0.591	15.0	51RW5	0.039	1.0	0.339	8.6
51RK1	0.022	0.6	0.551	14.0	51RQ8	0.276	7.0	0.394	10.0	51RW6	0.071	1.8	0.157	4.0
51RK2	0.039	1.0	0.354	9.0	51RQ9	0.709	18.0	0.394	10.0	51RW7	0.071	1.8	0.197	5.0
51RK3	0.591	15.0	0.394	10.0	51RR1	0.059	1.5	0.280	7.1	51RW8	0.201	5.1	0.201	5.1
51RK4	0.126	3.2	0.252	6.4	51RR2	0.091	2.3	0.661	16.8	51RW9	0.118	3.0	0.138	3.5
51RK5	0.039	1.0	0.709	18.0	51RR3	0.059	1.5	1.201	30.5	51RX1	0.039	1.0	0.157	4.0
51RK6	0.150	3.8	0.110	2.8	51RR4	0.173	4.4	0.449	11.4	51RX2	0.024	0.6	0.276	7.0
51RK7	0.472	12.0	0.472	12.0	51RR5	0.157	4.0	0.315	8.0	51RX3	0.063	1.6	0.079	2.0
51RK8	0.161	4.1	0.236	6.0	51RR6	0.177	4.5	0.394	10.0	51RX4	0.016	0.4	0.197	5.0
51RK9	0.098	2.5	0.236	6.0	51RR7	0.177	4.5	0.315	8.0	51RX5	0.059	1.5	0.354	9.0
51RM1	0.059	1.5	0.110	2.8	51RR8	0.098	2.5	0.315	8.0	51RX6	0.098	2.5	0.071	1.8
51RM2	0.087	2.2	0.177	4.5	51RR9	0.394	10.0	0.315	8.0	51RX7	0.079	2.0	0.063	1.6
51RM3	0.059	1.5	0.213	5.4	51RS1	0.354	9.0	0.394	10.0	51RX8	0.118	3.0	0.394	10.0
51RM4	0.059	1.5	0.079	2.0	51RS2	0.118	3.0	0.669	17.0	51RX9	0.051	1.3	0.217	5.5
51RM5	0.094	2.4	0.118	3.0	51RS3	0.118	3.0	0.630	16.0	51RY1	0.224	5.7	0.177	4.5
51RM6	0.020	0.5	1.024	26.0	51RS4	0.118	3.0	1.276	32.4	51RY2	0.047	1.2	0.157	4.0
51RM7	0.059	1.5	0.059	1.5	51RS5	0.118	3.0	0.953	24.2	51RY3	0.039	1.0	0.260	6.6
51RM8	0.012	0.3	0.181	4.6	51RS6	0.098	2.5	0.276	7.0	51RY4	0.150	3.8	0.500	12.7
51RM9	0.094	2.4	0.079	2.0	51RS7	0.039	1.0	0.256	6.5	51RY5	0.043	1.1	0.528	13.4
51RN1	0.157	4.0	0.354	9.0	51RS8	0.197	5.0	0.709	18.0	51RY6	0.433	11.0	0.236	6.0
51RN2	0.012	0.3	0.394	10.0	51RS9	0.079	2.0	0.630	16.0	51RY7	0.039	1.0	0.512	13.0
51RN3	0.236	6.0	0.354	9.0	51RT1	0.138	3.5	0.157	4.0	51RY8	0.130	3.3	0.189	4.8
51RN4	0.039	1.0	1.614	41.0	51RT2	0.276	7.0	0.098	2.5	51RY9	0.028	0.7	0.315	8.0
51RN5	0.047	1.2	0.866	22.0	51RT3	0.031	0.8	0.315	8.0	51RZ1	0.118	3.0	0.276	7.0
51RN6	0.098	2.5	0.268	6.8	51RT4	0.126	3.2	0.591	15.0	51RZ5	0.323	8.2	0.177	4.5
51RN7	0.472	12.0	0.177	4.5	51RT5	0.024	0.6	0.366	9.3	51RZ6	0.063	1.6	0.394	10.0
51RN8	0.197	5.0	0.472	12.0	51RT6	0.051	1.3	0.220	5.6	51RZ7	0.047	1.2	0.071	1.8

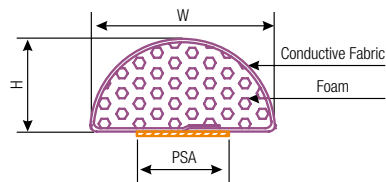
Rectangular Series Sketch



FOF Gasket (D-Shape)

D-shape														
P/N	H(inch : mm)		W(inch : mm)		P/N	H(inch : mm)		W(inch : mm)		P/N	H(inch : mm)		W(inch : mm)	
51D11	0.142	3.6	0.252	6.4	51D52	0.079	2.0	0.157	4.0	51D89	0.071	1.8	0.295	7.5
51D12	0.106	2.7	0.169	4.3	51D53	0.106	2.7	0.142	3.6	51D90	0.157	4.0	0.425	10.8
51D13	0.079	2.0	0.394	10.0	51D54	0.197	5.0	0.374	9.5	51D91	0.201	5.1	0.480	12.2
51D14	0.098	2.5	0.299	7.6	51D55	0.126	3.2	0.374	9.5	51D92	0.079	2.0	0.236	6.0
51D15	0.098	2.5	0.248	6.3	51D56	0.071	1.8	0.181	4.6	51D93	0.118	3.0	0.394	10.0
51D16	0.189	4.8	0.299	7.6	51D57	0.157	4.0	0.315	8.0	51D94	0.098	2.5	0.157	4.0
51D17	0.098	2.5	0.394	10.0	51D58	0.118	3.0	0.150	3.8	51D95	0.130	3.3	0.256	6.5
51D18	0.059	1.5	0.150	3.8	51D59	0.091	2.3	0.205	5.2	51D96	0.098	2.5	0.394	10.0
51D19	0.079	2.0	0.079	2.0	51D60	0.083	2.1	0.315	8.0	51D97	0.138	3.5	0.394	10.0
51D20	0.079	2.0	0.394	10.0	51D61	0.138	3.5	0.394	10.0	51D98	0.098	2.5	0.250	6.4
51D21	0.252	6.4	0.252	6.4	51D62	0.059	1.5	0.118	3.0	51D99	0.130	3.3	0.189	4.8
51D22	0.157	4.0	0.500	12.7	51D63	0.059	1.5	0.236	6.0	51DA1	0.200	5.1	0.394	10.0
51D23	0.091	2.3	0.150	3.8	51D64	0.118	3.0	0.354	9.0	51DA2	0.098	2.5	0.583	14.8
51D24	0.181	4.6	0.394	10.0	51D65	0.075	1.9	0.150	3.8	51DA3	0.079	2.0	0.118	3.0
51D25	0.217	5.5	0.409	10.4	51D66	0.118	3.0	0.118	3.0	51DA4	0.110	2.8	0.276	7.0
51D26	0.173	4.4	0.244	6.2	51D67	0.102	2.6	0.370	9.4	51DA5	0.059	1.5	0.177	4.5
51D27	0.059	1.5	0.315	8.0	51D68	0.118	3.0	0.358	9.1	51DA6	0.094	2.4	0.201	5.1
51D28	0.094	2.4	0.374	9.5	51D68	0.118	3.0	0.358	9.1	51DA7	0.118	3.0	0.500	12.7
51D29	0.079	2.0	0.142	3.6	51D69	0.087	2.2	0.299	7.6	51DA8	0.138	3.5	0.315	8.0
51D31	0.157	4.0	0.236	6.0	51D70	0.039	1.0	0.150	3.8	51DA9	0.059	1.5	0.394	10.0
51D32	0.079	2.0	0.315	8.0	51D71	0.150	3.8	0.150	3.8	51DA10	0.118	3.0	0.250	6.4
51D33	0.157	4.0	0.150	3.8	51D72	0.157	4.0	0.787	20.0	51DA11	0.098	2.5	0.315	8.0
51D34	0.079	2.0	0.276	7.0	51D73	0.079	2.0	0.500	12.7	51DA12	0.079	2.0	0.394	10.0
51D35	0.079	2.0	0.295	7.5	51D74	0.106	2.7	0.500	12.7	51DA13	0.150	3.8	0.354	9.0
51D36	0.118	3.0	0.472	12.0	51D75	0.150	3.8	0.500	12.7	51DA14	0.177	4.5	0.315	8.0
51D37	0.039	1.0	0.276	7.0	51D76	0.071	1.8	0.500	12.7	51DA15	0.197	5.0	0.315	8.0
51D38	0.079	2.0	0.394	10.0	51D77	0.098	2.5	0.500	12.7	51DA16	0.071	1.8	0.150	3.8
51D39	0.071	1.8	0.169	4.3	51D78	0.138	3.5	0.500	12.7	51DA17	0.250	6.4	0.250	6.4
51D40	0.118	3.0	0.335	8.5	51D79	0.157	4.0	0.591	15.0	51DA18	0.106	2.7	0.169	4.3
51D41	0.157	4.0	0.433	11.0	51D80	0.059	1.5	0.252	6.4	51DA19	0.118	3.0	0.394	10.0
51D42	0.118	3.0	0.315	8.0	51D81	0.118	3.0	0.394	10.0	51DA20	0.169	4.3	0.250	6.4
51D43	0.252	6.4	0.374	9.5	51D82	0.181	4.6	0.402	10.2	51DA21	0.374	9.5	0.500	12.7
51D44	0.079	2.0	0.370	9.4	51D83	0.070	1.8	0.394	10.0	51DA22	0.299	7.6	0.500	12.7
51D45	0.118	3.0	0.252	6.4	51D84	0.110	2.8	0.374	9.5	51DA23	0.110	2.8	0.224	5.7
51D47	0.039	1.0	0.394	10.0	51D85	0.201	5.1	0.252	6.4	51DA24	0.161	4.1	0.240	6.1
51D48	0.091	2.3	0.091	2.3	51D86	0.106	2.7	0.394	10.0	51DA25	0.161	4.1	0.250	6.4
51D49	0.102	2.6	0.177	4.5	51D87	0.157	4.0	0.394	10.0	51DA26	0.142	3.6	0.339	8.6
51D51	0.130	3.3	0.299	7.6	51D88	0.118	3.0	0.098	2.5					

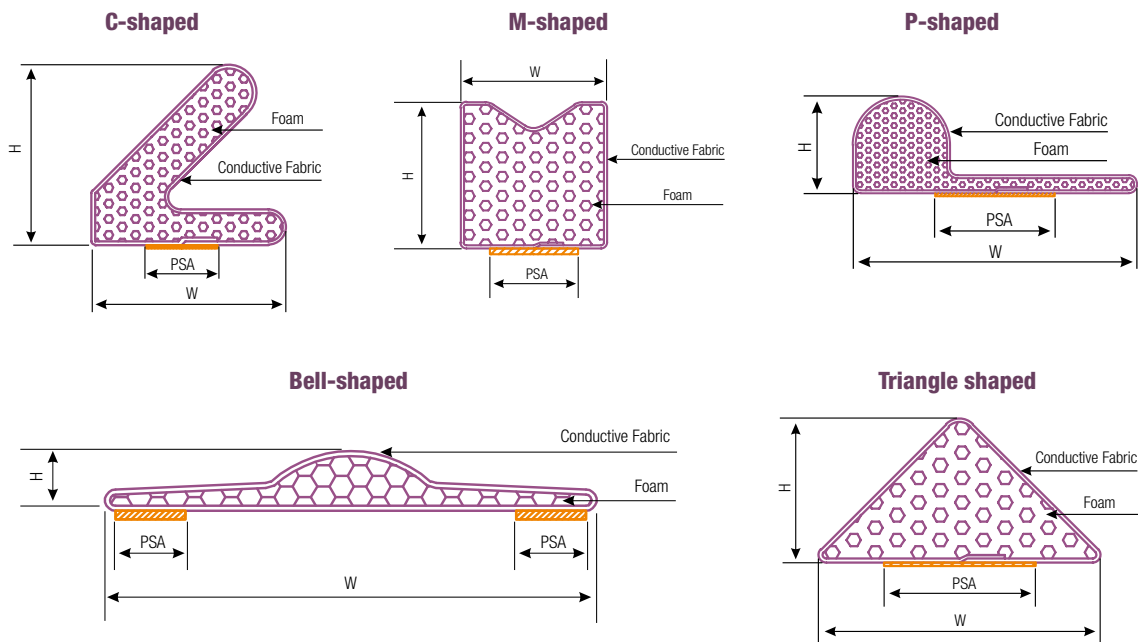
D-shaped Series Sketch



FOF Gasket (C, P, M, Bell-Shape and Triangle Shape)

C, P, M-Shape				Bell-Shape				Triangle Shape						
P/N	H(inch : mm)		W(inch : mm)		P/N	H(inch : mm)		W(inch : mm)		P/N	H(inch : mm)		W(inch : mm)	
51C11	0.315	8.0	0.315	8.0	51K11	0.217	5.5	0.591	15.0	51T12	0.236	6.0	0.488	12.4
51C12	0.394	10.0	0.433	11.0	51K12	0.071	1.8	0.563	14.3	51T13	0.118	3.0	0.512	13.0
51C13	0.315	8.0	0.315	8.0	51K13	0.071	1.8	0.181	4.6	51T14	0.098	2.5	0.394	10.0
51C15	0.386	9.8	0.421	10.7	51K14	0.122	3.1	0.315	8.0	51T15	0.157	4.0	0.720	18.3
51C16	0.465	11.8	0.421	10.7	51K15	0.059	1.5	0.563	14.3	51T16	0.091	2.3	0.362	9.2
51C23	0.252	6.4	0.256	6.5	51K16	0.071	1.8	0.559	14.2	51T17	0.118	3.0	0.276	7.0
51C24	0.315	8.0	0.315	8.0	51K17	0.059	1.5	0.315	8.0	51T18	0.138	3.5	0.394	10.0
51C25	0.402	10.2	0.429	10.9	51K18	0.067	1.7	0.484	12.3	51T19	0.079	2.0	0.236	6.0
51C26	0.673	17.1	0.591	15.0	51K19	0.157	4.0	0.500	12.7	51T20	0.094	2.4	0.299	7.6
P-Shape					51K20	0.071	1.8	0.181	4.6	51T21	0.110	2.8	0.618	15.7
51P11	0.118	3.0	0.492	12.5	51K21	0.098	2.5	0.299	7.6	51T22	0.039	1.0	0.374	9.5
51P12	0.276	7.0	0.433	11.0	51K22	0.098	2.5	0.394	10.0	51T23	0.098	2.5	0.394	10.0
51P13	0.173	4.4	0.646	16.4	51K23	0.087	2.2	0.181	4.6	51T24	0.098	2.5	0.374	9.5
51P14	0.118	3.0	0.520	13.2	51K24	0.138	3.5	0.315	8.0	51T25	0.059	1.5	0.394	10.0
M-Shape					51K25	0.130	3.3	0.394	10.0	51T26	0.118	3.0	0.319	8.1
51M11	0.394	10.0	0.394	10.0	51K26	0.079	2.0	0.299	7.6	51T27	0.098	2.5	0.394	10.0
51M12	0.374	9.5	0.500	12.7	51K27	0.181	4.6	0.551	14.0	51T28	0.157	4.0	0.394	10.0
										51T29	0.063	1.6	0.197	5.0
										51T30	0.079	2.0	0.315	8.0
										51T31	0.110	2.8	0.319	8.1
										51T32	0.091	2.3	0.250	6.4
										51T33	0.126	3.2	0.250	6.4
										51T34	0.091	2.3	0.500	12.7
										51T35	0.126	3.2	0.500	12.7

C-shaped, M-shaped, P-shaped, Bell-shaped and Triangle shaped Series Sketch

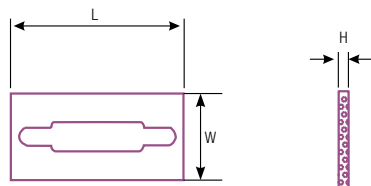


FOF Gasket (I/O and Custom)

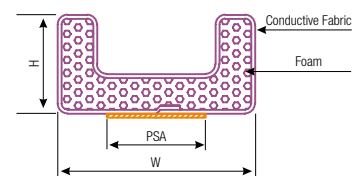
I/O						Custom										
P/N	H(inch:mm)	W(inch:mm)	L(inch:mm)	P/N	H(inch : mm)	W(inch : mm)	P/N	H(inch : mm)	W(inch : mm)							
51HZ7	0.079	2.0	1.142	29.0	4.972	126.3	51Q11	0.201	5.1	0.413	10.5	51Q41	0.079	2.0	0.500	12.7
51HZ8	0.039	1.0	1.035	26.3	1.854	47.1	51Q12	0.346	8.8	0.685	17.4	51Q42	0.146	3.7	0.256	6.5
51HZ9	0.039	1.0	0.618	15.7	0.854	21.7	51Q13	0.106	2.7	0.445	11.3	51Q43	0.059	1.5	0.256	6.5
51H100	0.079	2.0	0.642	16.3	14.291	363.0	51Q14	0.157	4.0	0.386	9.8	51Q44	0.197	5.0	0.673	17.1
51H101	0.079	2.0	1.669	42.4	5.839	148.3	51Q15	0.118	3.0	0.220	5.6	51Q45	0.091	2.3	0.394	10.0
51H102	0.059	1.5	1.248	31.7	1.866	47.4	51Q16	0.118	3.0	0.382	9.7	51Q46	0.098	2.5	0.394	10.0
51H103	0.039	1.0	0.768	19.5	3.898	99.0	51Q17	0.205	5.2	0.287	7.3	51Q47	0.177	4.5	0.433	11.0
51H104	0.039	1.0	0.614	15.6	0.772	19.6	51Q18	0.205	5.2	0.303	7.7	51Q48	0.315	8.0	0.472	12.0
51H105	0.126	3.2	1.260	32.0	14.150	359.4	51Q19	0.283	7.2	0.374	9.5	51Q49	0.079	2.0	0.394	10.0
51H106	0.126	3.2	1.250	31.8	1.831	46.5	51Q20	0.283	7.2	0.268	6.8	51Q50	0.118	3.0	0.394	10.0
51H107	0.118	3.0	1.516	38.5	1.516	38.5	51Q21	0.083	2.1	0.413	10.5	51Q51	0.098	2.5	0.248	6.3
51H108	0.047	1.2	1.516	38.5	1.516	38.5	51Q22	0.083	2.1	0.287	7.3	51Q52	0.122	3.1	0.256	6.5
51H109	0.079	2.0	0.157	4.0	4.921	125.0	51Q23	0.244	6.2	0.268	6.8	51Q53	0.102	2.6	0.197	5.0
51H110	0.039	1.0	0.276	7.0	4.843	123.0	51Q24	0.220	5.6	0.331	8.4	51Q54	0.098	2.5	0.157	4.0
51H111	0.079	2.0	1.063	27.0	5.862	148.9	51Q25	0.276	7.0	0.295	7.5	51Q55	0.236	6.0	0.244	6.2
51H112	0.118	3.0	0.630	16.0	4.724	120.0	51Q26	0.118	3.0	0.394	10.0	51Q56	0.098	2.5	0.319	8.1
51H113	0.386	9.8	0.421	10.7	1.969	50.0	51Q27	0.185	4.7	0.197	5.0	51Q57	0.087	2.2	0.118	3.0
51H114	0.433	11.0	0.079	2.0	0.709	18.0	51Q28	0.354	9.0	0.157	4.0	51Q58	0.118	3.0	0.197	5.0
51H115	0.079	2.0	0.902	22.9	8.000	203.2	51Q29	0.276	7.0	0.236	6.0	51Q59	0.110	2.8	0.197	5.0
51H116	0.118	3.0	0.315	8.0	10.043	255.1	51Q30	0.217	5.5	0.177	4.5	51Q60	0.138	3.5	0.157	4.0
51H117	0.079	2.0	0.630	16.0	0.984	25.0	51Q31	0.110	2.8	0.382	9.7	51Q61	0.091	2.3	0.500	12.7
51H118	0.079	2.0	0.598	15.2	11.953	303.6	51Q32	0.118	3.0	0.319	8.1	51Q62	0.079	2.0	0.295	7.5
51H119	0.039	1.0	0.756	19.2	10.039	255.0	51Q33	0.138	3.5	0.315	8.0	51Q63	0.079	2.0	0.500	12.7
51H120	0.126	3.2	0.591	15.0	15.748	400.0	51Q34	0.098	2.5	0.374	9.5	51Q64	0.079	2.0	0.354	9.0
51H121	0.098	2.5	1.043	26.5	3.189	81.0	51Q35	0.110	2.8	0.618	15.7	51Q65	0.098	2.5	0.406	10.3
51H122	0.110	2.8	0.354	9.0	17.441	443.0	51Q36	0.106	2.7	0.445	11.3	51Q66	0.209	5.3	0.130	3.3
51H123	0.039	1.0	2.413	61.3	4.961	126.0	51Q37	0.150	3.8	0.150	3.8	51Q67	0.154	3.9	0.236	6.0
51H124	0.039	1.0	0.831	21.1	1.969	50.0	51Q38	0.138	3.5	0.374	9.5	51Q68	0.094	2.4	0.354	9.0
51H125	0.039	1.0	0.433	11.0	1.181	30.0	51Q39	0.142	3.6	0.500	12.7	51Q69	0.138	3.5	0.315	8.0
							51Q40	0.098	2.5	0.299	7.6	51Q70	0.091	2.3	0.827	21.0

I/O and Others Series Sketch

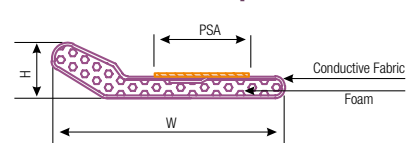
I/O Series Sketch



Concave B



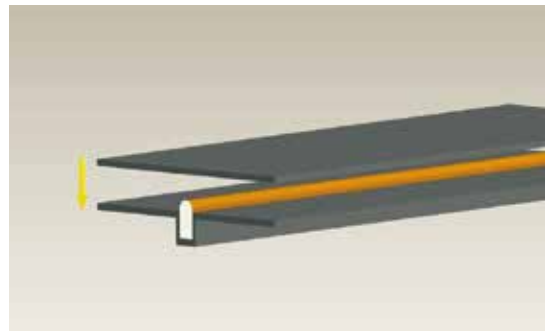
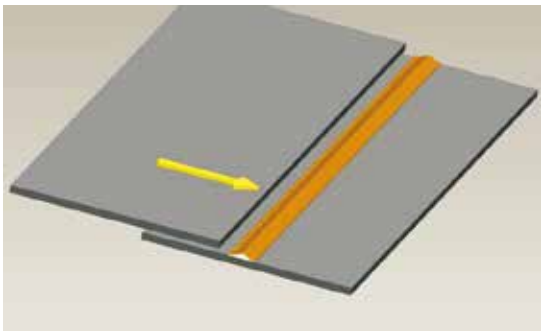
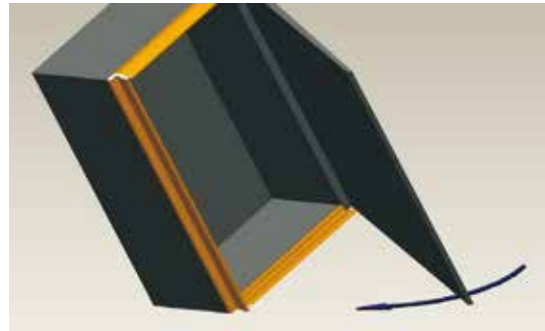
Knife-shaped



If the directory listed in the content of conductive foam still can not meet your needs, please contact our engineers, we can design and manufacture according to your needs.

The Application of FOF Gaskets

FoF Application of Different Cross-Section Virtual Reality Images



The Actual Assembly Effect Picture (Pro/E)



Conductive Tape Series

FRD conductive tape series include Copper-foil tape, Aluminum-foil tape, and conductive fabric tape.

Conductive taps are widely used in devices such as equipments, components, ESD grounding, and EMI shielding, especially in the mobile communication equipments. They are applied to the cell phone for shielding and to its LCD screen and keyboard for purposes of adhesion, fixing, ESD and conductive grounding. They can also be applied to PCB board for fixed grounding and adhesion, and to the built-in antenna interface shielding and bonding fixing.

The FRD conductive tapes, with excellent performance, are the ideal substitutes for some well-known brands. They currently have been largely used by customers.



>> Conductive Foam

Material Type	Material	Nominal Thickness (mm)	Surface Resistivity (Ω/\square)	Volume Resistivity (Ω/\square)	Shielding At 100MHz/1GHz (dB)	Application
52S03	CF+Cu+CPSA	0.30	≤ 0.20	≤ 0.05	≥ 80	Conductive, Grounding, EMI Shielding
52S05	CF+Cu+CPSA	0.50	≤ 0.20	≤ 0.05	≥ 80	Conductive, Grounding, EMI Shielding
52S08	CF+Cu+CPSA	0.80	≤ 0.20	≤ 0.05	≥ 80	Conductive, Grounding, EMI Shielding
52S10	CF+Cu+CPSA	1.00	≤ 0.20	≤ 0.05	≥ 80	Conductive, Grounding, EMI Shielding
52S15	CF+Cu+CPSA	1.50	≤ 0.20	≤ 0.05	≥ 80	Conductive, Grounding, EMI Shielding
52S20	CF+Cu+CPSA	2.00	≤ 0.20	≤ 0.05	≥ 80	Conductive, Grounding, EMI Shielding
52S25	CF+Cu+CPSA	2.50	≤ 0.20	≤ 0.05	≥ 80	Conductive, Grounding, EMI Shielding
52S30	CF+Cu+CPSA	3.00	≤ 0.20	≤ 0.05	≥ 80	Conductive, Grounding, EMI Shielding
52S35	CF+Cu+CPSA	3.50	≤ 0.20	≤ 0.05	≥ 80	Conductive, Grounding, EMI Shielding
52S40	CF+Cu+CPSA	4.00	≤ 0.20	≤ 0.05	≥ 80	Conductive, Grounding, EMI Shielding
52S45	CF+Cu+CPSA	4.50	≤ 0.20	≤ 0.05	≥ 80	Conductive, Grounding, EMI Shielding
52Q03	CF+CPSA	0.30	≤ 0.20	≤ 0.10	≥ 80	Conductive, Grounding, EMI Shielding
52Q05	CF+CPSA	0.50	≤ 0.20	≤ 0.10	≥ 80	Conductive, Grounding, EMI Shielding
52Q10	CF+CPSA	1.00	≤ 0.20	≤ 0.10	≥ 80	Conductive, Grounding, EMI Shielding
52Q15	CF+CPSA	1.50	≤ 0.20	≤ 0.10	≥ 80	Conductive, Grounding, EMI Shielding
52Q20	CF+CPSA	2.00	≤ 0.20	≤ 0.10	≥ 80	Conductive, Grounding, EMI Shielding
52Q25	CF+CPSA	2.50	≤ 0.20	≤ 0.10	≥ 80	Conductive, Grounding, EMI Shielding
52Q30	CF+CPSA	3.00	≤ 0.20	≤ 0.10	≥ 80	Conductive, Grounding, EMI Shielding
52Q35	CF+CPSA	3.50	≤ 0.20	≤ 0.10	≥ 80	Conductive, Grounding, EMI Shielding
52Q40	CF+CPSA	4.00	≤ 0.20	≤ 0.10	≥ 80	Conductive, Grounding, EMI Shielding
52QH03	CF+CPSA	0.30	≤ 0.20	≤ 0.10	≥ 80	Conductive, Grounding, EMI Shielding
52QH05	CF+CPSA	0.50	≤ 0.20	≤ 0.10	≥ 80	Conductive, Grounding, EMI Shielding
52QS05	CF+CPSA	0.50	≤ 0.20	≤ 0.10	≥ 80	Conductive, Grounding, EMI Shielding
52QS10	CF+CPSA	1.00	≤ 0.20	≤ 0.10	≥ 80	Conductive, Grounding, EMI Shielding

Conductive Tape Series

>> Conductive Fabric Tape

Material Type	Material	Nominal Thickness (mm)	Surface Resistivity (Ω/\square)	Volume Resistivity (Ω/\square)	Shielding At 100MHz/1GHz (dB)	Application
53B014	Conductive Fabric +CPSA	0.140	≤ 0.10	≤ 0.05	≥ 80	Conductive, Grounding, EMI Shielding
53B006Y	Conductive Fabric +CPSA	0.060	≤ 0.10	≤ 0.05	≥ 80	Conductive, Grounding, EMI Shielding
53B011Y	Conductive Fabric +CPSA	0.110	≤ 0.10	≤ 0.05	≥ 80	Conductive, Grounding, EMI Shielding
53B012Y	Conductive Fabric +CPSA	0.120	≤ 0.10	≤ 0.05	≥ 80	Conductive, Grounding, EMI Shielding
54B003	Conductive Fabric +CPSA	0.030	≤ 0.10	≤ 0.05	≥ 80	Conductive, Grounding, EMI Shielding
54B005	Conductive Fabric +CPSA	0.050	≤ 0.10	≤ 0.05	≥ 80	Conductive, Grounding, EMI Shielding
54B010	Conductive Fabric +CPSA	0.100	≤ 0.10	≤ 0.05	≥ 80	Conductive, Grounding, EMI Shielding
55B0025	Conductive Fabric +CPSA	0.025	≤ 0.10	≤ 0.05	≥ 80	Conductive, Grounding, EMI Shielding
54B006Y	Conductive Fabric +CPSA	0.060	≤ 0.10	≤ 0.05	≥ 80	Conductive, Grounding, EMI Shielding
54B014Y	Conductive Fabric +CPSA	0.140	≤ 0.10	≤ 0.05	≥ 80	Conductive, Grounding, EMI Shielding
54B005A	CPSA+Conductive Fabric +CPSA	0.050	≤ 0.10	≤ 0.06	≥ 80	Conductive, Grounding, EMI Shielding
54B010A	CPSA+Conductive Fabric +CPSA	0.100	≤ 0.10	≤ 0.06	≥ 80	Conductive, Grounding, EMI Shielding
54B015A	CPSA+Conductive Fabric +CPSA	0.150	≤ 0.10	≤ 0.06	≥ 80	Conductive, Grounding, EMI Shielding
54B020A	CPSA+Conductive Fabric +CPSA	0.200	≤ 0.10	≤ 0.06	≥ 80	Conductive, Grounding, EMI Shielding
54BB005Y	CPSA+Conductive Fabric +CPSA	0.050	≤ 0.10	≤ 0.05	≥ 80	Conductive, Grounding, EMI Shielding
54BB007Y	CPSA+Conductive Fabric +CPSA	0.070	≤ 0.10	≤ 0.05	≥ 80	Conductive, Grounding, EMI Shielding
54BB010Y	CPSA+Conductive Fabric +CPSA	0.100	≤ 0.10	≤ 0.05	≥ 80	Conductive, Grounding, EMI Shielding
54BB015Y	CPSA+Conductive Fabric +CPSA	0.150	≤ 0.10	≤ 0.05	≥ 80	Conductive, Grounding, EMI Shielding
54BB005TY	CPSA+Conductive Fabric +CPSA	0.050	≤ 0.10	≤ 0.05	≥ 80	Conductive, Grounding, EMI Shielding
54BB010TY	CPSA+Conductive Fabric +CPSA	0.100	≤ 0.10	≤ 0.05	≥ 80	Conductive, Grounding, EMI Shielding
55B003A	CPSA+Conductive Fabric +CPSA	0.030	≤ 0.10	≤ 0.06	≥ 80	Conductive, Grounding, EMI Shielding

>> Cu Foil Tape

Material Type	Material	Nominal Thickness (mm)	Surface Resistivity (Ω/\square)	Volume Resistivity (Ω/\square)	Shielding At 100MHz/1GHz (dB)	Application
56B005	Cu Foil+CPSA	0.05	≤ 0.03	≤ 0.06	≥ 80	Conductive, EMI Shielding, Heat Dissipation
56B010	Cu Foil+CPSA	0.10	≤ 0.03	≤ 0.06	≥ 80	Conductive, EMI Shielding, Heat Dissipation
56B003Y	Cu Foil+CPSA	0.030	≤ 0.03	≤ 0.06	≥ 80	Conductive, EMI Shielding, Heat Dissipation
56B005Y	Cu Foil+CPSA	0.050	≤ 0.03	≤ 0.06	≥ 80	Conductive, EMI Shielding, Heat Dissipation
56BB003Y	Cu Foil+CPSA	0.030	≤ 0.03	≤ 0.06	≥ 80	Conductive, EMI Shielding, Heat Dissipation
56B005TY	Cu Foil+CPSA	0.050	≤ 0.03	≤ 0.06	≥ 80	Conductive, EMI Shielding, Heat Dissipation
56C005	Cu Foil+PSA	0.05	≤ 0.03	N/A	N/A	Heat Dissipation
56C010	Cu Foil+PSA	0.10	≤ 0.03	N/A	N/A	Heat Dissipation
56C005AY	Cu Foil+PSA	0.050	≤ 0.03	N/A	N/A	Heat Dissipation
56C005Y	Cu Foil+PSA	0.050	≤ 0.03	N/A	N/A	Heat Dissipation
56C006Y	Cu Foil+PSA	0.060	≤ 0.03	N/A	N/A	Heat Dissipation

Conductive Tape Series

>> Al Foil Tape

Material Type	Material	Nominal Thickness (mm)	Surface Resistivity (Ω/\square)	Volume Resistivity (Ω/\square)	Shielding At 100MHz/1 GHz (dB)	Application
57B005	Al Foil+CPSA	0.05	≤ 0.03	≤ 0.06	≥ 80	Conductive, EMI Shielding, Heat Dissipation
57B010	Al Foil+CPSA	0.10	≤ 0.03	≤ 0.06	≥ 80	Conductive, EMI Shielding, Heat Dissipation
57C004	Al Foil+PSA	0.04	≤ 0.03	N/A	N/A	Heat Dissipation
57C009	Al Foil+PSA	0.09	≤ 0.03	N/A	N/A	Heat Dissipation

Note



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