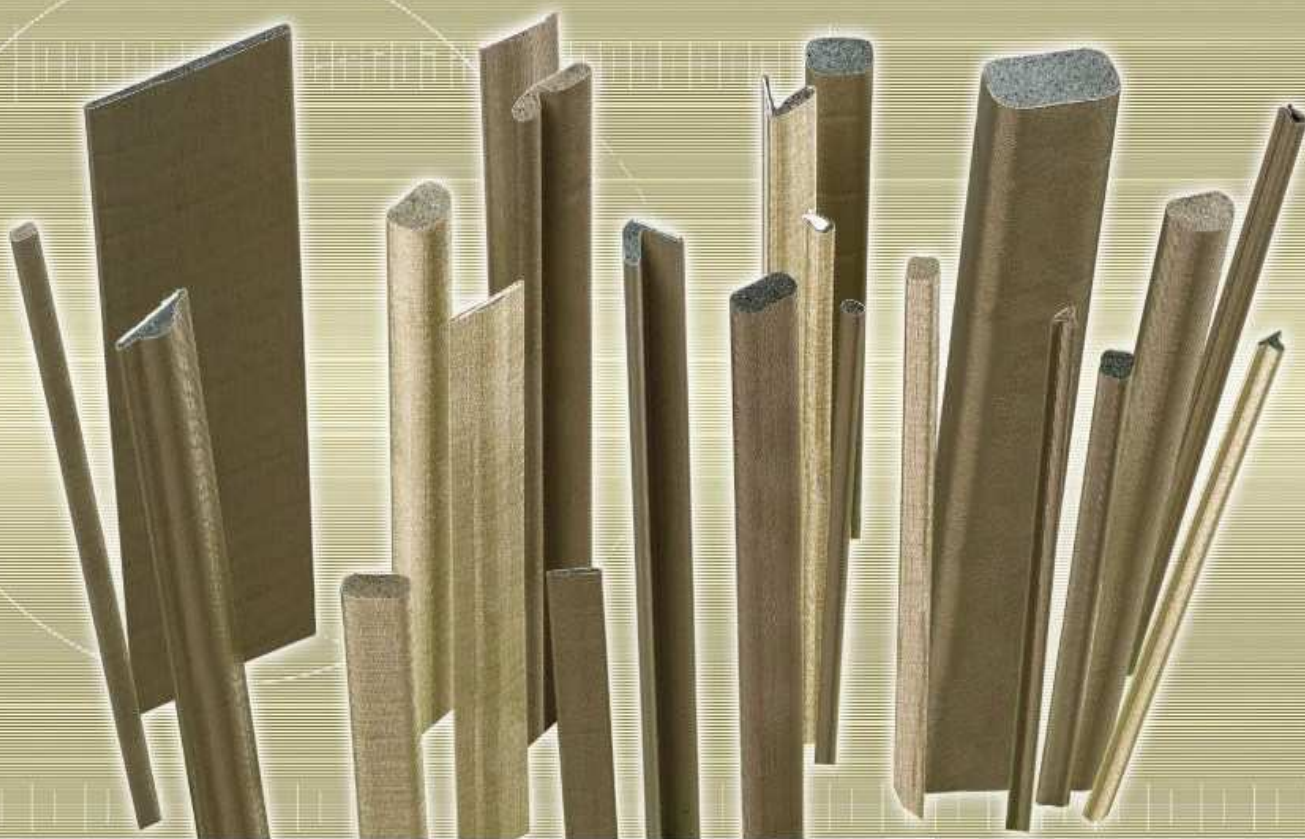




PROFILE

Selection Guide

Think Schlegel EMI For Shielding

As the originator of the fabric-clad foam EMI shielding technology, Schlegel EMI is the industry's most trusted name. We continue to set the standard for quality and innovation, designing advanced solutions for a wide range of applications. And our worldwide locations ensure that you get what you need, when and where you need it.



EMI Shielding Products
SCHLEGEL
 electronic materials

Reference Guide: Cross-Reference Guide to EMI Shielding Gaskets

The listing below is a numerical listing of the fabric-over-foam profiles. For additional product and/or ordering information, please contact a Schlegel EMI representative.

Profile	Complex Shape	Dimensions	Page #	Profile	Complex Shape	Dimensions	Page #
E01	Rectangle	3.0mm x 4.0mm	6	E90	D-Shape	3.6mm x 6.4mm	9
E02*	C-Fold	23.9mm x 14.0mm	10	E91	Rectangle	0.5mm x 10.0mm	5
E03	Rectangle	1.0mm x 4.0mm	5	E93*	Mini-Clip	2.5mm x 8.4mm	8
E04	D-Shape	4.8mm x 7.6mm	10	E96	Knife Edge	2.7mm x 8.0mm	8
E05*	Rectangle	7.5mm x 15.0mm	7	E97*	Rectangle	1.2mm x 8.0mm	5
E06	Rectangle	1.0mm x 7.0mm	5	E98	C-Fold	9.8mm x 10.7mm	10
E07*	Rectangle	2.0mm x 41.3mm	6	E98(Riveted)*	C-Fold	9.8mm x 10.7mm	10
E08	Rectangle	2.0mm x 10.0mm	6	E99	Rectangle	1.0mm x 13.0mm	5
E09*	Rectangle	2.0mm x 28.6mm	6	EA1	D-Shape	3.1mm x 6.4mm	9
E10	D-Shape	6.4mm x 9.5mm	10	EA2*	L-Shape	3.8mm x 10.2mm	8
E11	Rectangle	1.0mm x 10.0mm	5	EA3	D-Shape	3.1mm x 3.8mm	9
E12	Rectangle	1.0mm x 5.0mm	5	EA5	D-Shape	4.0mm x 6.0mm	9
E13*	L-Shape	5.5mm x 12.0mm	8	EA6*	D-Shape	6.4mm x 9.5mm	10
E14	Square	5.1mm x 5.1mm	7	EA7*	P-Shape	11.4mm x 16.0mm	8
E16*	C-Fold	18.0mm x 14.2mm	10	EA8*	Rectangle	1.5mm x 27.0mm	5
E17	D-Shape	1.5mm x 3.8mm	9	EA9	T-Shape	4.0mm x 6.2mm	8
E18	Square	3.0mm x 3.0mm	6	EB1*	D-Clip	4.7mm x 12.2mm	10
E19*	Knife Edge	6.4mm x 19.1mm	8	EB4	Square	4.0mm x 4.0mm	6
E20*	Rectangle	9.5mm x 25.4mm	7	EB5	Rectangle	1.5mm x 14.0mm	5
E21	C-Fold	6.4mm x 5.9mm	10	EB6*	C-Clip	6.1mm x 7.4mm	10
E24	Rectangle	2.0mm x 12.7mm	6	EB9	Mini-Clip	3.7mm x 6.5mm	8
E25	Rectangle	6.4mm x 12.7mm	7	EC2*	U-Shape	9.0mm x 11.0mm	11
E26	D-Shape	3.1mm x 9.1mm	9	EC3	C-Fold	6.4mm x 7.1mm	10
E27*	Self-Mounting	16.2mm x 5.8mm	8	EC5*	Rectangle	1.0mm x 41.3mm	5
E28	Rectangle	3.2mm x 12.7mm	6	EC6*	Rectangle	3.0mm x 40.9mm	6
E29	Rectangle	1.0mm x 25.4mm	5	EC7*	Rectangle	2.0mm x 7.5mm	5
E30*	Rectangle	2.0mm x 60.0mm	6	EC9	Low D-Shape	5.0mm x 17.2mm	10
E31	Knife Edge	2.7mm x 11.3mm	8	ED1*	T-Shape	4.0mm x 6.2mm	8
E32	C-Fold	17.1mm x 14.7mm	10	ED2*	L-Shape	5.0mm x 8.5mm	8
E35	D-Clip	4.0mm x 7.4mm	9	ED3	Rectangle	2.0mm x 17.5mm	6
E36*	Rectangle	25.0mm x 20.0mm	8	ED4*	T-Shape	3.9mm x 6.0mm	8
E37	Rectangle	1.0mm x 3.0mm	5	ED5*	Rectangle	3.0mm x 43.0mm	6
E39	Rectangle	1.0mm x 18.0mm	5	ED7	D-Shape	2.0mm x 12.7mm	9
E40	C-Fold	10.0mm x 10.9mm	10	ED8*	C-Fold	11.4mm x 16.0mm	10
E41*	T-Shape	5.1mm x 4.8mm	8	ED9	Rectangle	1.5mm x 5.0mm	5
E43*	D-Clip	4.0mm x 7.4mm	9	EG2	Rectangle	1.5mm x 10.0mm	5
E44*	Rectangle	3.0mm x 25.4mm	6	EG3*	C-Fold	9.8mm x 10.7mm	10
E45	D-Shape	2.3mm x 3.9mm	9	EG4	D-Shape	3.8mm x 3.8mm	9
E47*	Rectangle	4.6mm x 41.3mm	7	EG5	U-Shape(Environmental Seal)	9.5mm x 12.7mm	11
E48*	L-Shape	7.9mm x 18.6mm	8	EG6*	D-Shape	1.8mm x 4.6mm	9
E49*	Square	17.0mm x 17.0mm	8	EG7*	Rectangle	2.0mm x 19.0mm	6
E50*	D-Shape	4.3mm x 9.7mm	10	EG8	Square	8.0mm x 8.0mm	7
E51	Low D-Shape	2.0mm x 17.1mm	9	EG9*	Rectangle	6.4mm x 41.3mm	7
E52*	Wedge	4.0mm x 8.2mm	8	EH1	D-Shape	4.0mm x 12.7mm	9
E53*	T-Shape	7.6mm x 6.9mm	8	EH2	D-Shape	2.0mm x 17.1mm	9
E55*	C-Clip	9.8mm x 12.2mm	10	EH3	C-Fold	8.0mm x 8.0mm	10
E56*	C-Clip	6.1mm x 7.4mm	10	EH4*	Rectangle	2.0mm x 22.0mm	6
E57	D-Shape	2.3mm x 2.3mm	9	EH5	D-Shape	9.5mm x 12.7mm	10
E58	Rectangle	2.0mm x 21.0mm	6	EH6*	Knife Edge	2.7mm x 11.3mm	8
E59	Rectangle	0.5mm x 5.0mm	5	EH7	D-Shape	4.0mm x 12.7mm	10
E60	P-Shape	3.3mm x 13.2mm	8	EH8*	T-Shape	10.0mm x 10.0mm	8
E61	Rectangle	1.5mm x 7.0mm	5	EH9*	C-Fold	9.8mm x 10.6mm	10
E62	Rectangle	3.2mm x 9.5mm	6	EJ1	D-Shape	5.5mm x 12.7mm	10
E63	Square	9.5mm x 9.5mm	7	EJ2	T-Shape	4.0mm x 6.2mm	8
E64*	D-Shape	4.7mm x 12.2mm	10	EJ4	Rectangle	6.0mm x 8.0mm	7
E65	Rectangle	3.7mm x 21.0mm	6	EJ5	D-Shape	3.0mm x 12.7mm	9
E66	Rectangle	6.4mm x 9.5mm	7	EJ6*	Rectangle	1.0mm x 15.0mm	5
E67	Knife Edge	2.7mm x 11.3mm	8	EJ7	Rectangle	5.0mm x 9.0mm	7
E68	Rectangle	9.5mm x 12.7mm	7	EJ8	D-Shape	2.0mm x 10.0mm	9
E69*	Round	2.5mm diameter	8	EJ9	D-Shape	2.3mm x 10.0mm	9
E70	Rectangle	3.2mm x 6.4mm	6	EK1	D-Shape	2.7mm x 10.0mm	9
E73	Rectangle	5.0mm x 8.0mm	7	EK2	D-Shape	3.3mm x 10.0mm	9
E74	Rectangle	3.3mm x 4.8mm	6	EK3	D-Shape	3.8mm x 10.0mm	9
E75*	Rectangle	15.9mm x 25.4mm	8	EK4	D-Shape	2.0mm x 12.7mm	9
E77	Rectangle	2.0mm x 7.0mm	5	EK5	D-Shape	2.3mm x 12.7mm	9
E78	Rectangle	4.0mm x 15.0mm	7	EK6	D-Shape	2.7mm x 12.7mm	9
E79	Square	6.0mm x 6.0mm	7	EK7	D-Shape	3.3mm x 12.7mm	9
E80	Rectangle	11.5mm x 10.5mm	7	EK8	D-Shape	3.8mm x 12.7mm	9
E81	Rectangle	2.0mm x 4.0mm	5	UC301612*	Wedge	11.1mm x 33.3mm	8
E83	Rectangle	0.5mm x 4.0mm	5	EM2*	D-Shape	5.0mm x 17.2mm	10
E84*	Rectangle	9.5mm x 20.0mm	7	EM3*	D-Shape	4.0mm x 12.7mm	10
E85	C-Fold	11.8mm x 10.7mm	10	EM4*	C-Fold	9.8mm x 10.7mm	10
E86*	Self Mounting	18.8mm x 9.7mm	8	EM5	D-Shape	4.3mm x 9.7mm	10
E87	Double D-Shape	2.8mm x 9.7mm	9	EM6	D-Shape	3.5mm x 9.5mm	9
E88	Rectangle	0.5mm x 7.0mm	5	EM7*	Rectangle	3.2mm x 17.5mm	6

These profiles are also recognized under CSA C  (Canada) and IEC 707, ISO 1210, and ISO 9773 Classifications.

* Contact your sales or customer service representative for details, special minimum order quantity may apply.

Reference Guide: Cross-Reference Guide to EMI Shielding Gaskets

The listing below is a numerical listing of the fabric-over-foam profiles. For additional product and/or ordering information, please contact a Schlegel EMI representative.

Profile	Complex Shape	Dimensions	Page #	Profile	Complex Shape	Dimensions	Page #
EM8	Rectangle	3.0mm x 5.0mm	6				
EM9*	Rectangle	3.2mm x 20.2mm	6				
EN1	Rectangle	4.0mm x 10.0mm	7				
EN2	Rectangle	5.0mm x 5.5mm	7				
EN3	Rectangle	5.5mm x 10.0mm	7				
EN4	Rectangle	6.0mm x 6.5mm	7				
EN5	Rectangle	6.5mm x 10.0mm	7				
EN6	Rectangle	1.5mm x 3.8mm	5				
EN8	Rectangle	2.0mm x 18.0mm	6				
EN9*	Rectangle	3.2mm x 19.0mm	6				
EP1	D-Shape	2.0mm x 8.0mm	9				
EP2	Rectangle	5.0mm x 14.5mm	7				
EP3	Rectangle	6.5mm x 14.5mm	7				
EP4	D-Shape	8.5mm x 10.0mm	10				
EP5*	Square	10.0mm x 10.0mm	7				
EP6	Rectangle	4.0mm x 8.0mm	7				
EP7*	C-Fold	11.8mm x 10.7mm	10				
EP8	Rectangle	5.1mm x 6.4mm	7				
EP9*	Square	7.0mm x 7.0mm	7				
EQ1	Rectangle	3.2mm x 9.5mm	6				
EQ2*	T-Shape	4.8mm x 6.4mm	8				
ES1	Rectangle	0.5mm x 6.0mm	5				
ES2	Rectangle	0.5mm x 17.0mm	5				
ES3	D-Shape	2.0mm x 6.0mm	9				
ES4	D-Shape	2.5mm x 6.4mm	9				
ES5	Rectangle	3.0mm x 7.0mm	6				
ES6	Rectangle	3.0mm x 16.0mm	6				
ES7	Rectangle	5.0mm x 12.0mm	7				
ES8	Rectangle	6.0mm x 25.4mm	7				
ES9	Rectangle	6.2mm x 22.0mm	7				
ET1	Rectangle	6.2mm x 28.5mm	7				
ET2	Bell-Shape	3.0mm x 8.0mm	8				
ET3	Rectangle	1.0mm x 11.0mm	5				
ET4	Rectangle	1.0mm x 13.6mm	5				
ET5	Rectangle	1.0mm x 16.0mm	5				
ET6	D-Shape	1.5mm x 6.4mm	9				
ET7	Rectangle	1.5mm x 16.2mm	5				
ET8	Rectangle	0.5mm x 22.5mm	5				
ET9	D-Shape	2.5mm x 7.6mm	9				
EU1	Rectangle	0.5mm x 15.0mm	5				
EU2	Rectangle	2.0mm x 2.5mm	5				
EU4	Rectangle	2.0mm x 3.0mm	5				
EU5	Rectangle	3.0mm x 2.0mm	6				
EU7	Bell-Shape	2.5mm x 7.6mm	8				
EU8	D-Shape	2.5mm x 8.0mm	9				

These profiles are also recognized under CSA C  (Canada) and IEC 707, ISO 1210, and ISO 9773 Classifications.

* Contact your sales or customer service representative for details, special minimum order quantity may apply.

Conductive Materials Specifications

For more information, samples, or design consultation, contact your Schlegel EMI representative.

The core of Schlegel EMI shielding gaskets is open-celled polyether polyurethane foam in a high-resiliency (HB) formula. Compression set of foam that is encapsulated is 1% at ambient temperature, and <5% at 70°C (158°F) when compressed 50% for 22 hours. Many profiles are available with resilient fire retardant (V-O) foam and are recognized UL 94 V-O under the component program of Underwriters Laboratories, Inc.

SEM gaskets comply with European Directives 2002/95/EC (RoHs)

Fabric claddings* include:

Nickel/Copper C12 (polyester woven)	Surface Resistivity	0.02Ω/■ and CpK≥2.0
	Shielding Effectiveness	Shielding performance of 1/4" x 3/8" gasket per MilIDTL 83528C in frequencies of 20 MHz to 10 GHz: 97.4 dB (average). Note: Gasket geometry and application determine actual shielding effectiveness.
	Contact Resistance	0.08Ω-inch at 1 Kg load/inch
	Abrasion Resistance	No change in surface resistivity: 1,000,000 cycles
Nickel/Copper C70 (polyester ripstop)	Surface Resistivity	0.066Ω/■ and CpK≥2.0
	Shielding Effectiveness	Shielding performance of 1/4" x 3/8" gasket per MilIDTL 83528C in frequencies of 20 MHz to 10 GHz: 96 dB (average). Note: Gasket geometry and application determine actual shielding effectiveness.
	Contact Resistance	0.11Ω-inch at 1 Kg load/inch
	Abrasion Resistance	No change in surface resistivity: 800,000 cycles
Silver C2 (nylon ripstop)	Surface Resistivity	0.5Ω/■ and CpK≥2.0
	Shielding Effectiveness	Shielding performance of 1/4" x 3/8" gasket per MilIDTL 83528C in frequencies of 20 MHz to 10 GHz: 95 dB (average). Note: Gasket geometry and application determine actual shielding effectiveness.
	Contact Resistance	<1.0Ω-inch at 1 Kg load/inch
	Abrasion Resistance	No change in surface resistivity: 800,000 cycles

*For the latest information on Schlegel EMI's fabrics and foam, please visit our web site, www.schlegelemi.com

Surface resistivity to ASTM F390 modified. Contact resistance to Schlegel LP-3001. Abrasion resistance to ASTM D3886. The preceding information is believed accurate by Schlegel EMI. In no event, however, shall Schlegel EMI have any liability whatsoever for inaccuracies or omissions contained therein. In all cases, details and values should be verified by the customer. These products are covered by various U.S. and foreign patents. UL is a registered trademark of Underwriters Laboratories, Inc.

Rectangle	Knife Edge	Self-Mounting	P-Shape
D-Shape	L-Shape	C-Fold	T-Shape
Bell Shape	Wedge	Mini Clip	Round
U-Shape			



Part Number Guide

SCHLEGEL EMI Shielding Gaskets

E XX X X X XXXXX

E = EMI

SHAPE I.D.

FOAM TYPE

1 = UL 94 HB recognized

5 = UL 94 V-O recognized
Bromine Free Formulation

6 = UL 94 V-O recognized

*7 = UL 94 V-O recognized soft foam
under the component program of
Underwriters Laboratories, Inc. in
specified claddings and thicknesses

CONDUCTIVE FABRIC CLADDINGS

3 = Nickel/Copper C70 Polyester Ripstop

4 = Nickel/Copper C12 Polyester Plain Weave

9 = Silver C2 Nylon Ripstop

FINISHING/ATTACHMENT SYSTEM

- = No Pressure-Sensitive
Adhesive (PSA)

E = Die Cut

N = Narrow PSA

H = High Shear PSA

C = PSA in Center

P = PSA on Inside Leg

Z = Wide Release Liner™ Tape

**2Z/2T/2H = 2 rows of PSA
on same side

A = PSA on Adjacent Side

B = PSA on Backside

T = PSA

L = PSA on Lead Edge or
Opposite Seam Side

W= Wide PSA

K = Kiss Cut + PSA

D = Conductive Adhesive (for mechanical issues)

LENGTH (in inches)

(all 0's if continuous)

Examples: 04800 cut-to-length* 48.000" [1219.0mm]
 00138 cut-to-length* 01.375" [034.9mm]
 00152 cut-to-length* 01.520" [038.6mm]

*New foam option in limited profiles. Please consult Schlegel EMI representatives for details.

**If specifying 2Z or 2T or 2H, drop the first digital of the length field. i.e. 2T4800

The preceding information is believed accurate by Schlegel. In no event, however, shall Schlegel have any liability whatsoever for inaccuracies or omissions contained therein. In all cases, details and values should be verified by the customer. These products are covered by various U.S. and foreign patents.

UL is a registered trademark of Underwriters Laboratories, Inc.



Think Schlegel EMI
For Shielding.

EMI Shielding Products

SCHLEGEL
electronic materials

www.schlegelemi.com

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Rectangle	E83	E59	E51	E88	E91	Rectangle
						
	0.5mm x 4.0mm .020" x .157"	0.5mm x 5.0mm .020" x .197"	0.5mm x 6.0mm .020" x .236"	0.5mm x 7.0mm .020" x .276"	0.5mm x 10.0mm .020" x .394"	
Rectangle	EU1	ES2	ET8	E37	E03	Rectangle
						
	0.5mm x 15.0mm .020" x .591"	0.5mm x 17.0mm .020" x .669"	0.5mm x 22.5mm .020" x .886"	1.0mm x 3.0mm .039" x .118"	1.0mm x 4.0mm .039" x .157"	
Rectangle	E12	E06	E11	ET3	E99	Rectangle
						
	1.0mm x 5.0mm .039" x .197"	1.0mm x 7.0mm .039" x .276"	1.0mm x 10.0mm .039" x .394"	1.0mm x 11.0mm .039" x .433"	1.0mm x 13.0mm .039" x .512"	
Rectangle	ET4	EJ6+	ET5	E39	E29	Rectangle
						
	1.0mm x 13.6mm .039" x .535"	1.0mm x 15.0mm .039" x .591"	1.0mm x 16.0mm .039" x .630"	1.0mm x 18.0mm .039" x .710"	1.0mm x 25.4mm .039" x 1.0"	
Rectangle	EC5+	E97+		EN6	ED9	Rectangle
						
	1.0mm x 41.3mm .039" x 1.627"	1.2mm x 8.0mm .049" x .315"		1.5mm x 3.8mm .059" x .150"	1.5mm x 5.0mm .059" x .197"	
Rectangle	E61	EG2	EB5	ET7	EA8+	Rectangle
						
	1.5mm x 7.0mm .059" x .275"	1.5mm x 10.0mm .059" x .390"	1.5mm x 14.0mm .059" x .551"	1.5mm x 16.2mm .059" x .638"	1.5mm x 27.0mm .059" x 1.063"	
Rectangle	EU2	EU4	E81	E77	EC7+	Rectangle
						
	2.0mm x 2.5mm .079" x .098"	2.0mm x 3.0mm .079" x .118"	2.0mm x 4.0mm .079" x .157"	2.0mm x 7.0mm .079" x .275"	2.0mm x 7.5mm .079" x .295"	

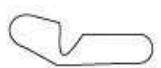
✦ Contact your sales or customer service representative for details, special minimum order quantity may apply.

Rectangle	E08	E24	ED3	EN8	EG7+	Rectangle
	 2.0mm x 10.0mm .079" x .394"	 2.0mm x 12.7mm .079" x .500"	 2.0mm x 17.5mm .079" x .689"	 2.0mm x 18.0mm .079" x .710"	 2.0mm x 19.0mm .079" x .750"	
	E58	EH4+		E09+		
Rectangle	 2.0mm x 21.0mm .079" x .827"	 2.0mm x 22.0mm .079" x .866"		 2.0mm x 28.6mm .079" x 1.125"		
	E07+		E30+		EU5	
	 2.0mm x 41.3mm .079" x 1.625"		 2.0mm x 60.0mm .079" x 2.362"		 3.0mm x 2.0mm .118" x .079"	
Rectangle	E18	E01	EM8	ES5	ES6	Rectangle
	 3.0mm x 3.0mm .118" x .118"	 3.0mm x 4.0mm .118" x .157"	 3.0mm x 5.0mm .118" x .197"	 3.0mm x 7.0mm .118" x .275"	 3.0mm x 16.0mm .118" x .630"	
	E44+		EC6+		ED5+	
Rectangle	 3.0mm x 25.4mm .118" x 1.000"	 3.0mm x 40.9mm .118" x 1.610"		 3.0mm x 43.0mm .118" x 1.693"		
	E70	EQ1	E62	E28	EM7+	
	 3.2mm x 6.4mm .125" x .250"	 3.2mm x 9.5mm .125" x .375"	 3.2mm x 9.5mm .125" x .375"	 3.2mm x 12.7mm .125" x .500"	 3.2mm x 17.5mm .125" x .689"	
Rectangle	EN9+	EM9+	E74	E65	EB4	Rectangle
	 3.2mm x 19.0mm .125" x .750"	 3.2mm x 20.2mm .125" x .794"	 3.3mm x 4.8mm .130" x .190"	 3.7mm x 21.0mm .146" x .827"	 4.0mm x 4.0mm .157" x .157"	

♦ Contact your sales or customer service representative for details, special minimum order quantity may apply.

Rectangle	EP6	EN1	E78	E47⁺	
	 4.0mm x 8.0mm .157" x .315"	 4.0mm x 10.0mm .157" x .394"	 4.0mm x 15.0mm .157" x .591"	 4.6mm x 41.3mm .180" x 1.625"	
	EN2	E73	EJ7	ES7	EP2
	 5.0mm x 5.5mm .197" x .217"	 5.0mm x 8.0mm .197" x .315"	 5.0mm x 9.0mm .197" x .354"	 5.0mm x 12.0mm .197" x .472"	 5.0mm x 14.5mm .197" x .571"
Rectangle	E14	EP8	EN3	E79	EN4
	 5.1mm x 5.1mm .200" x .200"	 5.1mm x 6.4mm .200" x .250"	 5.5mm x 10.0mm .217" x .394"	 6.0mm x 6.0mm .236" x .236"	 6.0mm x 6.5mm .236" x .256"
	EJ4	ES8	ES9	ET1	E66
	 6.0mm x 8.0mm .236" x .315"	 6.0mm x 25.4mm .236" x 1.000"	 6.2mm x 22.0mm .244" x .866"	 6.2mm x 28.5mm .244" x 1.122"	 6.4mm x 9.5mm .250" x .375"
Rectangle	E25	EG9⁺		EN5	EP3
	 6.4mm x 12.7mm .250" x .500"	 6.4mm x 41.3mm .250" x 1.625"		 6.5mm x 10.0mm .256" x .394"	 6.5mm x 14.5mm .256" x .571"
	EP9	E05⁺	EG8	E63	E68
	 7.0mm x 7.0mm .275" x .275"	 7.5mm x 15.0mm .295" x .591"	 8.0mm x 8.0mm .315" x .315"	 9.5mm x 9.5mm .375" x .375"	 9.5mm x 12.7mm .375" x .500"
Rectangle	E84⁺	E20⁺	EP5⁺	E80	
	 9.5mm x 20.0mm .375" x .787"	 9.5mm x 25.4mm .375" x 1.000"	 10.0mm x 10.0mm .394" x .394"	 11.5mm x 10.5mm .453" x .414"	

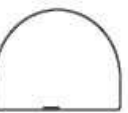
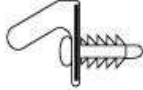
⁺ Contact your sales or customer service representative for details, special minimum order quantity may apply.

Rectangle	E75+	P-Shape	E60	EA7+	E52+	UC301612+	Wedge
	 15.9mm x 25.4mm .625" x 1.000"	 3.3mm x 13.2mm .130" x .402"	 11.4mm x 16.0mm .448" x .630"	 4.0mm x 8.2mm .157" x .324"	 11.1mm x 33.3mm .436" x 1.313"		
	E49+	Mini-Clip	E93+	EB9	E27+	E86+	Self-Mounting
	 17.0mm x 17.0mm .669" x .669"	 2.5mm x 8.4mm .100" x .330"	 3.7mm x 6.5mm .145" x .256"	 16.2mm x 5.8mm .638" x .230"	 18.8mm x 9.7mm .740" x .380"		
	E36+	EA2+	ED2+	E13+	E48+		L-Shape
	 25.0mm x 20.0mm .984" x .787"	 3.8mm x 10.2mm .150" x .400"	 5.0mm x 8.5mm .197" x .335"	 5.5mm x 12.0mm .217" x .472"	 7.9mm x 18.6mm .312" x .731"		
		E96	E67	EH6+	E31		Knife Edge
		 2.7mm x 8.0mm .106" x .315"	 2.7mm x 11.3mm .106" x .445"	 2.7mm x 11.3mm .106" x .445"	 2.7mm x 11.3mm .106" x .445"		
	ED4+	ED1+	EA9	EJ2	E19+		
	 3.9mm x 6.0mm .152" x .235"	 4.0mm x 6.2mm .157" x .244"	 4.0mm x 6.2mm .157" x .244"	 4.0mm x 6.2mm .157" x .244"	 6.4mm x 19.1mm .250" x .750"		
T-Shape	EQ2+	E41+	E53+	EH8+	E69+		Round
	 4.8mm x 6.4mm .190" x .250"	 5.1mm x 4.8mm .200" x .190"	 7.6mm x 6.9mm .300" x .272"	 10.0mm x 10.0mm .395" x .395"	 2.5mm diameter .098" diameter		
				EU7	ET2		Bell Shape
				 2.5mm x 7.6mm .098" x .300"	 3.0mm x 8.0mm .118" x .315"		

Wide Release Liner™ pressure-sensitive adhesive can be specified on any **SCHLEGEL EMI** shielding gasket for easy pick-n-place attachment.

♦ Contact your sales or customer service representative for details, special minimum order quantity may apply.

D-Shape	E17	ET6	EG6⁺	ES3	EP1	D-Shape
	 1.5mm x 3.8mm .060" x .150"	 1.5mm x 6.4mm .059" x .250"	 1.8mm x 4.6mm .070" x .180"	 2.0mm x 6.0mm .079" x .236"	 2.0mm x 8.0mm .079" x .315"	
	EJ8	EK4	E51	EH2	E57	
D-Shape	 2.0mm x 10.0mm .079" x .394"	 2.0mm x 12.7mm .079" x .500"	 2.0mm x 17.1mm .080" x .675"	 2.0mm x 17.2mm .080" x .675"	 2.3mm x 2.3mm .090" x .090"	D-Shape
	E45	EJ9	EK5	ED7	ES4	
	 2.3mm x 3.9mm .090" x .155"	 2.3mm x 10.0mm .090" x .394"	 2.3mm x 12.7mm .090" x .500"	 2.0mm x 12.7mm .090" x .500"	 2.5mm x 6.4mm .100" x .250"	
D-Shape	ET9	EU8	EK1	EK6	E87	D-Shape
	 2.5mm x 7.6mm .100" x .300"	 2.5mm x 8.0mm .100" x .315"	 2.7mm x 10.0mm .106" x .394"	 2.7mm x 12.7mm .106" x .500"	 2.8mm x 9.7mm .110" x .380"	
	EJ5	EA3	EA1	E26	EK2	
D-Shape	 3.0mm x 12.7mm .118" x .500"	 3.1mm x 3.8mm .120" x .150"	 3.1mm x 6.4mm .120" x .250"	 3.1mm x 9.1mm .120" x .360"	 3.3mm x 10.0mm .130" x .394"	D-Shape
	EK7	EM6	E90	EG4	EK3	
	 3.3mm x 12.7mm .130" x .500"	 3.5mm x 9.5mm .140" x .375"	 3.6mm x 6.4mm .140" x .250"	 3.8mm x 3.8mm .150" x .150"	 3.8mm x 10.0mm .150" x .394"	
D-Shape	EK8	EA5	E35	E43⁺	EH1	D-Shape
	 3.8mm x 12.7mm .150" x .500"	 4.0mm x 6.0mm .156" x .236"	 4.0mm x 7.4mm .156" x .292"	 4.0mm x 7.4mm .156" x .292"	 4.0mm x 12.7mm .157" x .500"	

D-Shape	EH7	EM3⁺	E50⁺	EM5	E64⁺
	 4.0mm x 12.7mm .157" x .500"	 4.0mm x 12.7mm .157" x .500"	 4.3mm x 9.7mm .170" x .380"	 4.3mm x 9.7mm .170" x .380"	 4.7mm x 12.2mm .185" x .480"
	EB1⁺	E04	EC9	EM2⁺	EJ1
	 4.7mm x 12.2mm .185" x .480"	 4.8mm x 7.6mm .189" x .300"	 5.0mm x 17.2mm .197" x .675"	 5.0mm x 17.2mm .197" x .675"	 5.5mm x 12.7mm .217" x .500"
	E10	EA6⁺	EP4	EH5	E56⁺
	 6.4mm x 9.5mm .250" x .375"	 6.4mm x 9.5mm .250" x .375"	 8.5mm x 10.0mm .335" x .394"	 9.53mm x 12.7mm .375" x .500"	 6.1mm x 7.4mm .240" x .292"
C-Fold	EB6⁺	E21	EC3	EH3	EG3⁺
	 6.1mm x 7.4mm .240" x .292"	 6.4mm x 5.9mm .250" x .234"	 6.4mm x 7.1mm .250" x .280"	 8.0mm x 8.0mm .315" x .315"	 9.8mm x 10.7mm .385" x .420"
	EM4⁺	E98	E98 Riveted⁺	EH9⁺	E55⁺
	 9.8mm x 10.7mm .385" x .420"	 9.8mm x 10.7mm .385" x .420"	 9.8mm x 10.7mm .385" x .420"	 9.8mm x 10.7mm .385" x .420"	 9.8mm x 12.2mm .385" x .480"
	E40	ED8⁺	E32	E16⁺	E02⁺
	 10.0mm x 10.9mm .395" x .430"	 11.4mm x 16.0mm .448" x .630"			
	E85	EP7⁺			
	 11.8mm x 10.7mm .465" x .420"	 11.8mm x 10.7mm .465" x .420"	 17.1mm x 14.7mm .675" x .580"	 18.0mm x 14.2mm .710" x .560"	 23.9mm x 14.0mm .940" x .550"

EC2 ⁺	EG5
 9.0mm x 11.0mm .354" x .433"	 9.5mm x 12.7mm .374" x .500"

U-Shape

*Drawings are representative of the profile.
Please contact your Schlegel EMI representative
for engineering drawings.*

✦ Contact your sales or customer service representative for details, special minimum order quantity may apply.

EMI Shielding Products



SCHLEGEL
electronic materials

Finishing Information

Standard Pressure-Sensitive Adhesive (PSA)

Schlegel EMI gaskets come with adhesive that is made to order. This chart contains the standard PSA widths used on gaskets in the Profile Selection Guide. Other PSA widths may be requested. The Wide Release Liner™ tape option is also available for many profiles for "pick-n-place" assembly. For information on PSA options, please contact your Schlegel EMI representative.

Self-Mounting gaskets are designed to be applied without adhesives. Adhesive mounting is an option on these profiles.

For I/O information, please call your Schlegel EMI representative.

PSA WIDTH				PSA WIDTH			
Part	Inches	mm	Inches [mm]	Part	Inches	mm	Inches [mm]
Rectangle							
E01	.118 x .157	3.0 x 4.0	.070 [1.8]	EB5	.059 x .551	1.5 x 14.0	.250 [6.4]
E03	.039 x .157	1.0 x 4.0	.070 [1.8]	EC5	.039 x 1.627	1.0 x 41.3	.250 [6.4]
E05	.295 x .591	7.5 x 15.0	.250 [6.4]	EC6	.118 x 1.610	3.0 x 40.9	.100 [2.5]
E06	.039 x .276	1.0 x 7.0	.125 [3.2]	EC7	.079 x .295	2.0 x 7.5	.125 [3.2]
E07	.079 x 1.625	2.0 x 41.3	.125 [3.2]	ED3	.079 x .689	2.0 x 17.5	.188 [4.8]
E08	.079 x .394	2.0 x 10.0	.125 [3.2]	ED5	.118 x 1.693	3.0 x 43.0	.070 [1.8]
E09	.079 x 1.125	2.0 x 28.6	.125 [3.2]	ED9	.059 x .197	1.5 x 5.0	.100 [2.5]
E11	.039 x .394	1.0 x 10.0	.125 [3.2]	EG2	.059 x .390	1.5 x 10.0	.125 [3.2]
E12	.039 x .197	1.0 x 5.0	.100 [2.5]	EG7	.079 x .750	2.0 x 19.0	.125 [3.2]
E14	.200 x .200	5.1 x 5.1	.100 [2.5]	EG8	.315 x .315	8.0 x 8.0	.125 [3.2]
E18	.118 x .118	3.0 x 3.0	.070 [1.8]	EG9	.250 x 1.625	6.4 x 41.3	.125 [3.2]
E20	.375 x 1.000	9.5 x 25.4	.500 [12.7]	EH4	.079 x .866	2.0 x 22.0	.250 [6.4]
E24	.079 x .500	2.0 x 12.7	.250 [6.4]	EJ4	.236 x .315	6.0 x 8.0	.125 [3.2]
E25	.250 x .500	6.4 x 12.7	.250 [6.4]	EJ6	.039 x .591	1.0 x 15.0	.250 [6.4]
E28	.125 x .500	3.2 x 12.7	.250 [6.4]	EJ7	.197 x .354	5.0 x 9.0	.125 [3.2]
E29	.039 x 1.0	1.0 x 25.4	.250 [6.4]	EM7	.125 x .689	3.2 x 17.5	.125 [3.2]
E30	.079 x 2.362	2.0 x 60.0	.125 [3.2]	EM8	.118 x .197	3.0 x 5.0	.100 [2.5]
E36	.984 x .787	25.0 x 20.0	.313 [8.0]	EM9	.125 x .794	3.2 x 20.2	.100 [2.5]
E37	.039 x .118	1.0 x 3.0	.070 [1.8]	EN1	.157 x .394	4.0 x 10.0	.188 [4.8]
E39	.039 x .710	1.0 x 18.0	.125 [3.2]	EN2	.197 x .217	5.0 x 5.5	.100 [2.5]
E44	.118 x 1.000	3.0 x 25.4	.500 [12.8]	EN3	.217 x .394	5.5 x 10	.125 [3.2]
E47	.180 x 1.625	4.6 x 41.3	.250 [6.4]	EN4	.236 x .256	6.0 x 6.5	.125 [3.2]
E49	.669 x .669	17.0 x 17.0	.312 [7.9]	EN5	.256 x .394	6.5 x 10	.125 [3.2]
E58	.079 x .827	2.0 x 21.0	.125 [3.2]	EN6	.059 x .150	1.5 x 3.8	.100 [2.5]
E59	.020 x .197	0.5 x 5.0	.100 [2.5]	EN8	.079 x .710	2.0 x 18.0	.070 [1.8]
E61	.059 x .275	1.5 x 7.0	.125 [3.2]	EN9	.125 x .750	3.2 x 19	.100 [2.5]
E62	.125 x .375	3.2 x 9.5	.188 [4.8]	EP2	.197 x .571	5.0 x 14.5	.250 [6.4]
E63	.375 x .375	9.5 x 9.5	.188 [4.8]	EP3	.256 x .571	6.5 x 14.5	.250 [6.4]
E65	.146 x .827	3.7 x 21.0	.125 [3.2]	EP5	.394 x .394	10.0 x 10.0	.250 [6.4]
E66	.250 x .375	6.4 x 9.5	.188 [4.8]	EP6	.157 x .315	4.0 x 8.0	.125 [3.2]
E68	.375 x .500	9.5 x 12.7	.250 [6.4]	EP8	.200 x .250	5.1 x 6.4	.125 [3.2]
E70	.125 x .250	3.2 x 6.4	.125 [3.2]	EP9	.275 x .275	7.0 x 7.0	.125 [3.2]
E73	.197 x .315	5.0 x 8.0	.125 [3.2]	EQ1	.125 x .375	3.2 x 9.5	.188 [4.8]
E74	.130 x .190	3.3 x 4.8	.100 [2.5]	ES1	.020 x .236	0.5 x 6.0	.100 [2.5]
E75	.625 x 1.000	15.9 x 25.4	.250 [6.4]	ES2	.020 x .669	0.5 x 17.0	.100 [3.2]
E77	.079 x .275	2.0 x 7.0	.125 [3.2]	ES5	.118 x .275	3.0 x 7.0	.125 [3.2]
E78	.157 x .591	4.0 x 15.0	.250 [6.4]	ES6	.118 x .630	3.0 x 16.0	.125 [2.5]
E79	.236 x .236	6.0 x 6.0	.125 [3.2]	ES7	.197 x .472	5.0 x 12.0	.250 [6.4]
E80	.453 x .414	11.5 x 10.5	.188 [4.8]	ES8	.236 x 1.000	6.0 x 25.4	.500 [12.7]
E81	.079 x .157	2.0 x 4.0	.070 [1.8]	ES9	.244 x .866	6.2 x 22	.500 [12.7]
E83	.020 x .157	0.5 x 4.0	.070 [1.8]	ET1	.244 x 1.122	6.2 x 28.5	.500 [12.7]
E84	.375 x .787	9.5 x 20	.250 [6.4]	ET3	.039 x .433	1.0 x 11.0	.250 [6.4]
E88	.020 x .276	0.5 x 7.0	.125 [3.2]	ET4	.039 x .535	1.0 x 13.6	.250 [6.4]
E91	.020 x .394	0.5 x 10.0	.125 [3.2]	ET5	.039 x .630	1.0 x 16.0	.100 [2.5]
E97	.049 x .315	1.2 x 8.0	.070 [1.8]	ET7	.059 x .638	1.5 x 16.2	.100 [2.5]
E99	.039 x .512	1.0 x 13.0	.250 [6.4]	ET8	.020 x .886	0.5 x 22.5	.250 [6.4]
EA8	.059 x 1.063	1.5 x 27.0	.125 [3.2]	EU1	.020 x .591	0.5 x 15.0	.070 [1.8]
EB4	.157 x .157	4.0 x 4.0	.070 [1.8]				

PSA WIDTH				PSA WIDTH			
Part	Inches	mm	Inches [mm]	Part	Inches	mm	Inches [mm]
Rectangle							
EU2	.079 x .098	2.0 x 2.5	.070 [1.8]	EU4	.079 x .118	2.0 x 3.0	.070 [1.8]
				EU5	.118 x .079	3.0 x 2.0	.070 [1.8]
C-Fold							
E02	.940 x .550	23.9 x 14.0	.250 [6.4]	E98 ^{+Rivet}	.385 x .420	9.8 x 10.7	rivet
E16	.710 x .560	18.0 x 14.2	.250 [6.4]	EB6	.240 x .292	6.1 x 7.4	self-mounting
E21	.250 x .234	6.4 x 5.9	.125 [3.2]	EC3	.250 x .280	6.4 x 7.1	.125 [3.2]
E32	.675 x .580	17.1 x 14.7	.250 [6.4]	ED8	.448 x .630	11.4 x 16.0	.250 [6.4]
E40	.395 x .430	10.0 x 10.9	.188 [4.8]	EG3	.385 x .420	9.8 x 10.7	.188 [4.8]
E55	.385 x .480	9.8 x 12.2	self-mounting	EH3	.315 x .315	8.0 x 8.0	.125 [3.2]
E56	.240 x .292	6.1 x 7.4	self-mounting	EH9	.385 x .420	9.8 x 10.7	.188 [4.8]
E85	.465 x .420	11.8 x 10.7	.188 [4.8]	EP7	.465 x .420	11.8 x 10.7	.188 [4.8]
E98	.385 x .420	9.8 x 10.7	.188 [4.8]	EM4	.385 x .420	9.8 x 10.7	.188 [4.8]
D-Shape							
E04	.189 x .300	4.8 x 7.6	.125 [3.2]	EH7	.157 x .500	4.0 x 12.7	.100 [2.5]
E10	.250 x .375	6.4 x 9.5	.188 [4.8]	EJ1	.217 x .500	5.5 x 12.7	.100 [2.5]
E17	.060 x .150	1.5 x 3.8	.070 [1.8]	EJ5	.118 x .500	3.0 x 12.7	.100 [2.5]
E26	.120 x .360	3.1 x 9.1	.188 [4.8]	EJ8	.079 x .394	2.0 x 10.0	.100 [2.5]
E35	.156 x .292	4.0 x 7.4	self-mounting	EJ9	.090 x .394	2.3 x 10.0	.100 [2.5]
E43	.156 x .292	4.0 x 7.4	self-mounting	EK1	.106 x .394	2.7 x 10.0	.100 [2.5]
E45	.090 x .155	2.3 x 3.9	.070 [1.8]	EK2	.130 x .394	3.3 x 10.0	.100 [2.5]
E50	.170 x .380	4.3 x 9.7	.188 [4.8]	EK3	.150 x .394	3.8 x 10.0	.100 [2.5]
E51	.080 x .675	2.0 x 17.1	.160 [4.1]	EK4	.079 x .500	2.0 x 12.7	.100 [2.5]
E57	.090 x .090	2.3 x 2.3	.070 [1.8]	EK5	.090 x .500	2.3 x 12.7	.100 [2.5]
E64	.185 x .480	4.7 x 12.2	self-mounting	EK6	.106 x .500	2.7 x 12.7	.100 [2.5]
E87	.110 x .380	2.8 x 9.7	.188 [4.8]	EK7	.130 x .500	3.3 x 12.7	.100 [2.5]
E90	.140 x .250	3.6 x 6.4	.125 [3.2]	EK8	.150 x .500	3.8 x 12.7	.100 [2.5]
EA1	.120 x .250	3.1 x 6.4	.125 [3.2]	EM2	.197 x .675	5.0 x 17.2	.160 [4.1]
EA3	.120 x .150	3.1 x 3.8	.070 [1.8]	EM3	.157 x .500	4.0 x 12.7	.100 [2.5]
EA5	.156 x .236	4.0 x 6.0	.125 [3.2]	EM5	.170 x .380	4.3 x 9.7	.188 [4.8]
EA6	.250 x .375	6.4 x 9.5	.188 [4.8]	EM6	.140 x .375	3.5 x 9.5	.188 [4.8]
EB1	.185 x .480	4.7 x 12.2	self-mounting	EP1	.079 x .315	2.0 x 8.0	.070 [1.8]
EC9	.197 x .675	5.0 x 17.2	.160 [4.1]	EP4	.335 x .394	8.5 x 10	.188 [4.8]
ED7	.080 x .500	2.0 x 12.7	.125 [3.2]	ES3	.079 x .236	2.0 x 6.0	.125 [3.2]
EG4	.150 x .150	3.8 x 3.8	.070 [1.8]	ES4	.100 x .250	2.5 x 6.4	.125 [3.2]
EG6	.070 x .180	1.8 x 4.6	.100 [2.5]	ET6	.059 x .250	1.5 x 6.4	.125 [3.2]
EH1	.157 x .500	4.0 x 12.7	.100 [2.5]	ET9	.100 x .300	2.5 x 7.6	.070 [1.8]
EH2	.080 x .675	2.0 x 17.2	.160 [4.1]	EU8	.100 x .315	2.5 x 8.0	.100 [2.5]
EH5	.375 x .500	9.53 x 12.7	.250 [6.4]				
T-Shape							
E41	.200 x .190	5.1 x 4.8	.125 [3.2]	ED4	.152 x .235	3.9 x 6.0	.125 [3.2]
E53	.300 x .272	7.6 x 6.9	.188 [4.8]	EH8	.395 x .395	10.00 x 10.00	.188 [4.8]
EA9	.157 x .244	4.0 x 6.2	.125 [3.2]	EJ2	.157 x .244	4.0 x 6.2	.100 [2.5]
ED1	.157 x .244	4.0 x 6.2	.125 [3.2]				
EQ2	.190 x .250	4.8 x 6.4	.100 [2.5]				
L-Shape				Knife Edge			
E13	.217 x .472	5.5 x 12.0	.188 [4.8]	E19	.250 x .750	6.4 x 19.1	.250 [6.4]
E48	.312 x .731	7.9 x 18.6	.250 [6.4]	E31	.106 x .445	2.7 x 11.3	.188 [4.8]
EA2	.150 x .400	3.8 x 10.2	.188 [4.8]	E67	.106 x .445	2.7 x 11.3	.250 [6.4]
ED2	.197 x .335	5.0 x 8.5	.160 [4.1]	E96	.106 x .315	2.7 x 8.0	.100 [2.5]
				EH6	.106 x .445	2.7 x 11.3	.188 [4.8]
P-Shape				Self-Mounting			
E60	.130 x .402	3.3 x 13.2	.250 [6.4]	E27	.638 x .230	16.2 x 5.8	self-mounting
EA7	.448 x .630	11.4 x 16.0	.312 [7.9]	E86	.740 x .380	18.8 x 9.7	self-mounting

Part	PSA WIDTH		
	Inches	mm	Inches [mm]
Round			
E69	.98 dia	2.5 dia	none
Mini Clip			
E93	.100 x .330	2.5 x 8.4	self-mounting
EB9	.145 x .256	3.7 x 6.5	self-mounting
Bell Shape			
EU7	.098 x .300	2.5 x 7.6	.070 [1.8]
ET2	.118 x .315	3.0 x 8.0	.070 [1.8]

Part	PSA WIDTH		
	Inches	mm	Inches [mm]
U-Shape			
EC2	.354 x .433	9.0 x 11.0	.125 [3.2]
EG5	.374 x .500	9.5 x 12.7	.250 [6.4]
Wedge			
E52	.157 x .324	4.0 x 8.2	.125 [3.2]
UC301612	.436 x 1.313	11.1 x 33.3	none

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