



# PROFILE Selection Guide

## THINK SCHLEGEL® 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




UL 94 HB UL 94 V-O

## Reference Guide: Cross-Reference Guide to EMI Shielding Gaskets

Schlegel EMI produces a range of shielding products including Conductive Tapes, Conductive Elastomers and Fabric-over-Foam 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	4	E88	Rectangle	0.5mm x 7.0mm	3
E02	C-Fold	23.9mm x 14.0mm	7	E90	D-Shape	3.6mm x 6.4mm	6
E03	Rectangle	1.0mm x 4.0mm	3	E91	Rectangle	0.5mm x 10.0mm	3
E04	D-Shape	4.8mm x 7.6mm	6	E92*	C-Fold	6.0mm x 7.4mm	7
E05	Rectangle	7.5mm x 15.0mm	4	E93	Mini-Clip	2.5mm x 8.4mm	5
E06	Rectangle	1.0mm x 7.0mm	3	E95*	D-Clip	3.2mm x 7.4mm	6
E07	Rectangle	2.0mm x 41.3mm	3	E96	Knife Edge	2.7mm x 8.0mm	5
E08	Rectangle	2.0mm x 10.0mm	3	E97	D-Shape	1.2mm x 8.0mm	3
E09	Rectangle	2.0mm x 28.6mm	3	E98	C-Fold	9.8mm x 10.7mm	7
E10	D-Shape	6.4mm x 9.5mm	7	E98 (Riveted)	C-Fold	9.8mm x 10.7mm	7
E11	Rectangle	1.0mm x 10.0mm	3	E99*	Rectangle	1.0mm x 13.0mm	3
E12	Rectangle	1.0mm x 5.0mm	3	EA1	D-Shape	3.1mm x 6.4mm	6
E13	L-Shape	5.5mm x 12.0mm	5	EA2*	L-Shape	3.8mm x 10.2mm	5
E14	Square	5.1mm x 5.1mm	4	EA3	D-Shape	3.1mm x 3.8mm	6
E16	C-Fold	18.0mm x 14.2mm	7	EA4*	Round	2.5mm diameter	5
E17	D-Shape	1.5mm x 3.8mm	6	EA5	D-Shape	4.0mm x 6.0mm	6
E18	Square	3.0mm x 3.0mm	4	EA6	D-Shape	6.4mm x 9.5mm	7
E19*	Knife Edge	6.4mm x 19.1mm	5	EA7	P-Shape	11.4mm x 16.0mm	5
E20	Rectangle	9.5mm x 25.4mm	4	EA8	Rectangle	1.5mm x 27.0mm	3
E21	C-Fold	6.4mm x 5.9mm	7	EA9	T-Shape	4.0mm x 6.2mm	5
E24	Rectangle	2.0mm x 12.7mm	3	EB1*	D-Clip	4.7mm x 12.2mm	6
E25	Rectangle	6.4mm x 12.7mm	4	EB4*	Square	4.0mm x 4.0mm	4
E26	D-Shape	3.1mm x 9.1mm	6	EB5	Rectangle	1.5mm x 14.0mm	3
E27	Self-Mounting	16.2mm x 5.8mm	5	EB6*	C-Clip	6.1mm x 7.5mm	7
E28	Rectangle	3.2mm x 12.7mm	4	EB8	L-Shape	14.0mm x 15.0mm	5
E29	Rectangle	1.0mm x 25.4mm	3	EB9	Mini-Clip	3.7mm x 6.5mm	5
E30*	Rectangle	2.0mm x 60.0mm	3	EC2	U-Shape	9.0mm x 11.0mm	7
E31	Knife Edge	2.7mm x 11.3mm	5	EC3	C-Fold	6.4mm x 7.1mm	7
E32	C-Fold	17.1mm x 14.7mm	7	EC5	Rectangle	1.0mm x 41.3mm	3
E34*	Environmental Seal	17.3mm x 10.2mm	5	EC6	Rectangle	3.0mm x 40.9mm	4
E35*	D-Clip	4.0mm x 7.4mm	6	EC7	Rectangle	2.0mm x 7.5mm	3
E36	Rectangle	25.0mm x 20.0mm	5	EC9	Low D-Shape	5.0mm x 17.2mm	6
E37	Rectangle	1.0mm x 3.0mm	3	ED1	T-Shape	4.0mm x 6.2mm	5
E39	Rectangle	1.0mm x 18.0mm	3	ED2	L-Shape	5.0mm x 8.5mm	5
E40	C-Fold	10.0mm x 10.9mm	7	ED3	Rectangle	2.0mm x 17.5mm	3
E41	T-Shape	5.1mm x 4.8mm	5	ED4	T-Shape	6.0mm x 3.9mm	5
E43*	D-Clip	4.0mm x 7.4mm	6	ED5	Rectangle	3.0mm x 43.0mm	4
E44*	Rectangle	3.0mm x 25.4mm	4	ED7	D-Shape	2.3mm x 12.7mm	6
E45*	D-Shape	2.3mm x 3.9mm	6	ED8	C-Fold	11.4mm x 16.0mm	7
E47	Rectangle	4.6mm x 41.3mm	4	ED9	Rectangle	1.5mm x 5.0mm	3
E48*	L-Shape	7.9mm x 18.6mm	5	EG2	Rectangle	1.5mm x 10.0mm	3
E49	Square	17.0mm x 17.0mm	4	EG3	C-Fold	9.8mm x 10.7mm	7
E50*	D-Shape	4.3mm x 9.7mm	6	EG4	D-Shape	3.8mm x 3.8mm	6
E51	Low D-Shape	2.0mm x 17.1mm	6	EG5	U-Shape (Environmental Seal)	9.5mm x 12.7mm	7
E52	Wedge	4.0mm x 8.2mm	5	EG6*	D-Shape	1.8mm x 4.6mm	6
E53	T-Shape	7.6mm x 6.9mm	5	EG7	Rectangle	2.0mm x 19.0mm	3
E55	C-Clip	9.8mm x 12.2mm	7	EG8	Square	8.0mm x 8.0mm	4
E56	C-Clip	6.1mm x 7.4mm	7	EG9	Rectangle	6.4mm x 41.3mm	4
E57	D-Shape	2.3mm x 2.3mm	6	EH1	D-Shape	4.0mm x 12.7mm	6
E58	Rectangle	2.0mm x 21.0mm	3	EH2	D-Shape	2.0mm x 17.1mm	6
E59	Rectangle	0.5mm x 5.0mm	3	EH3	C-Fold	8.0mm x 8.0mm	7
E60	P-Shape	3.3mm x 13.2mm	5	EH4	Rectangle	2.0mm x 22.0mm	3
E61	Rectangle	1.5mm x 7.0mm	3	EH5	D-Shape	9.5mm x 12.7mm	7
E62	Rectangle	3.2mm x 9.5mm	4	EH6	Knife Edge	2.7mm x 11.3mm	5
E63	Square	9.5mm x 9.5mm	4	EH7	D-Shape	4.0mm x 12.7mm	6
E64	D-Shape	4.7mm x 12.2mm	6	EH8	T-Shape	10.0mm x 10.0mm	5
E65	Rectangle	3.7mm x 21.0mm	4	EH9	C-Fold	9.8mm x 10.6mm	7
E66	Rectangle	6.4mm x 9.5mm	4	EJ1	D-Shape	5.5mm x 12.7mm	7
E67	Knife Edge	2.7mm x 11.3mm	5	EJ2	T-Shape	4.0mm x 6.2mm	5
E68	Rectangle	9.5mm x 12.7mm	4	EJ4	Rectangle	6.0mm x 8.0mm	4
E69	Round	2.5mm diameter	5	EJ5	D-Shape	3.0mm x 12.7mm	6
E70	D-Shape	3.2mm x 6.4mm	4	EJ6	Rectangle	1.0mm x 15.0mm	3
E73	Rectangle	5.0mm x 8.0mm	4	EJ7	Rectangle	5.0mm x 9.0mm	4
E74	Rectangle	3.3mm x 4.8mm	4	EJ8	D-Shape	1.8mm x 10.0mm	6
E75	Rectangle	15.9mm x 25.4mm	4	EJ9	D-Shape	2.0mm x 10.0mm	6
E77	Rectangle	2.0mm x 7.0mm	3	EK1	D-Shape	2.5mm x 10.0mm	6
E78	Rectangle	4.0mm x 15.0mm	4	EK2	D-Shape	3.0mm x 10.0mm	6
E79	Square	6.0mm x 6.0mm	4	EK3	D-Shape	3.5mm x 10.0mm	6
E80	Rectangle	11.5mm x 10.5mm	4	EK4	D-Shape	1.8mm x 12.7mm	6
E81	Rectangle	2.0mm x 4.0mm	3	EK5	D-Shape	2.0mm x 12.7mm	6
E83*	Rectangle	0.5mm x 4.0mm	3	EK6	D-Shape	2.5mm x 12.7mm	6
E84	Rectangle	9.5mm x 20.0mm	4	EK7	D-Shape	3.0mm x 12.7mm	6
E85	C-Fold	11.8mm x 10.7mm	7	EK8	D-Shape	3.5mm x 12.7mm	6
E86	Self Mounting	18.8mm x 9.7mm	5	UC301612	Wedge	11.1mm x 33.3mm	5
E87	Double D-Shape	2.8mm x 9.7mm	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.

# 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.

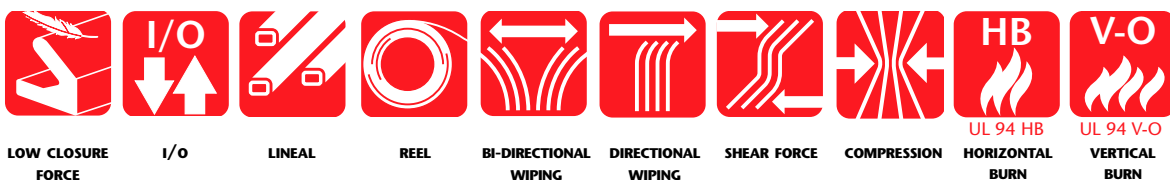
## Fabric claddings\* include:

<b>Nickel/Copper C12</b> (polyester woven) <i>*preferred cladding</i>	<b>Surface Resistivity</b>	$\leq 0.02\Omega/\blacksquare$ and $CpK \geq 2.0$
	<b>Shielding Effectiveness</b>	Shielding performance of 1/4" x 3/8" gasket per MIL-G 83528B in frequencies of 20 MHz to 10 GHz: <b>97.4 dB</b> (average). Note: Gasket geometry and application determine actual shielding effectiveness.
	<b>Contact Resistance</b>	0.08Ω-inch at 1 Kg load/inch
	<b>Abrasion Resistance</b>	No change in surface resistivity: 1,000,000 cycles
<b>Nickel/Copper C70</b> (polyester ripstop) <i>*preferred cladding</i>	<b>Surface Resistivity</b>	$\leq 0.066\Omega/\blacksquare$ and $CpK \geq 2.0$
	<b>Shielding Effectiveness</b>	Shielding performance of 1/4" x 3/8" gasket per MIL-G 83528B in frequencies of 20 MHz to 10 GHz: <b>96 dB</b> (average). Note: Gasket geometry and application determine actual shielding effectiveness.
	<b>Contact Resistance</b>	0.11 Ω-inch at 1 Kg load/inch
	<b>Abrasion Resistance</b>	No change in surface resistivity: 800,000 cycles
<b>VersaClad-VC100</b> (silver-monel plated woven nylon ripstop) <i>*special order</i>	<b>Surface Resistivity</b>	0.25Ω/■
	<b>Shielding Effectiveness</b>	Shielding performance of 1/4" x 3/8" gasket per MIL-G 83528B in frequencies of 20 MHz to 18 GHz: <b>92.6 dB</b> (average). Note: Gasket geometry and application determine actual shielding effectiveness.
	<b>Contact Resistance</b>	<1.0 Ω-inch at 1 Kg load/inch
	<b>Abrasion Resistance</b>	No change in surface resistivity: 1,000 cycles
<b>Silver C2</b> (nylon ripstop) <i>*special order</i>	<b>Surface Resistivity</b>	$\leq 0.5\Omega/\blacksquare$ and $CpK \geq 2.0$
	<b>Shielding Effectiveness</b>	Shielding performance of 1/4" x 3/8" gasket per MIL-G 83528B in frequencies of 20 MHz to 10 GHz: <b>95 dB</b> (average). Note: Gasket geometry and application determine actual shielding effectiveness.
	<b>Contact Resistance</b>	<1.0 Ω-inch at 1 Kg load/inch
	<b>Abrasion Resistance</b>	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.schlegel.com](http://www.schlegel.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.

<b>Rectangle</b>	<b>Knife Edge</b>	<b>Self-Mounting</b>	<b>P-Shape</b>
<b>D-Shape</b>	<b>L-Shape</b>	<b>C-Fold</b>	<b>T-Shape</b>
<b>Environmental Seal</b>	<b>Wedge</b>	<b>Mini Clip</b>	<b>Round</b>
<b>U-Shape</b>			



# 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 (gray)
- 5 = UL 94 V-O recognized (blue)  
Bromine Free Formulation
- 6 = UL 94 V-O recognized (blue)  
under the component program of  
Underwriters Laboratories, Inc. in  
specified claddings and thicknesses

**CONDUCTIVE FABRIC CLADDINGS**

- 1 = Monel Laminate M80
- 3 = Nickel/Copper C70 Polyester Ripstop
- 4 = Nickel/Copper C12 Polyester Plain Weave
- 2 = Silver/Monel VersaClad VC100 Nylon Ripstop
- 9 = Silver C2 Nylon Ripstop

**FINISHING/ATTACHMENT SYSTEM**

- = No Pressure-Sensitive Adhesive (PSA)
- G = Die Cut
- N = Narrow PSA
- H = High Shear PSA
- C = PSA in Center
- P = PSA on Inside Leg
- Z = Wide Release Liner™ Tape
- \*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" [121.9cm] |
| 00138 cut-to-length* | 01.375" [034.9mm] |
| 00152 cut-to-length* | 01.520" [038.6mm] |

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FOR SHIELDING.**

































**EMI Shielding  
Products**



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Rectangle	<b>E83<sup>†</sup></b>	<b>E59</b>	<b>E88</b>	<b>E91</b>	<b>E37</b>	Rectangle
	 0.5mm x 4.0mm .020" x .157"	 0.5mm x 5.0mm .020" x .197"	 0.5mm x 7.0mm .020" x .276"	 0.5mm x 10.0mm .020" x .394"	 1.0mm x 3.0mm .039" x .118"	
Rectangle	<b>E03</b>	<b>E12</b>	<b>E06</b>	<b>E11</b>	<b>E99<sup>†</sup></b>	Rectangle
	 1.0mm x 4.0mm .039" x .157"	 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 13.0mm .039" x .512"	
Rectangle	<b>EJ6</b>	<b>E39</b>	<b>E29</b>	<b>EC5</b>		Rectangle
	 1.0mm x 15.0mm .039" x .591"	 1.0mm x 18.0mm .039" x .710"	 1.0mm x 25.4mm .039" x 1.0"	 1.0mm x 41.3mm .039" x 1.627"		
Rectangle	<b>E97</b>	<b>ED9</b>	<b>E61</b>	<b>EG2</b>	<b>EB5</b>	Rectangle
	 1.2mm x 8.0mm .049" x .315"	 1.5mm x 5.0mm .059" x .197"	 1.5mm x 7.0mm .059" x .275"	 1.5mm x 10.0mm .059" x .390"	 1.5mm x 14.0mm .059" x .551"	
Rectangle	<b>E88</b>	<b>E81</b>	<b>E77</b>	<b>EC7</b>	<b>E08</b>	Rectangle
	 1.5mm x 27.0mm .059" x 1.063"	 2.0mm x 4.0mm .079" x .157"	 2.0mm x 7.0mm .079" x .275"	 2.0mm x 7.5mm .079" x .295"	 2.0mm x 10.0mm .079" x .394"	
Rectangle	<b>E24</b>	<b>ED3</b>	<b>EG7</b>	<b>E58</b>	<b>EH4</b>	Rectangle
	 2.0mm x 12.7mm .079" x .500"	 2.0mm x 17.5mm .079" x .689"	 2.0mm x 19.0mm .079" x .750"	 2.0mm x 21.0mm .079" x .827"	 2.0mm x 22.0mm .079" x .866"	
Rectangle	<b>E09</b>	<b>E07</b>	<b>E30<sup>†</sup></b>			Rectangle
	 2.0mm x 28.6mm .079" x 1.125"	 2.0mm x 41.3mm .079" x 1.625"	 2.0mm x 60.0mm .079" x 2.362"			

† Contact your sales or customer service representative for details.

Rectangle	<b>E18</b>  3.0mm x 3.0mm .118" x .118"	<b>E01</b>  3.0mm x 4.0mm .118" x .157"	<b>E44<sup>†</sup></b>  3.0mm x 25.4mm .118" x 1.000"	<b>EC6</b>  3.0mm x 40.9mm .118" x 1.610"		Rectangle
	<b>ED5</b>  3.0mm x 43.0mm .118" x 1.693"	<b>E70</b>  3.2mm x 6.4mm .125" x .250"	<b>E62</b>  3.2mm x 9.5mm .125" x .375"	<b>E28</b>  3.2mm x 12.7mm .125" x .500"		
<b>E74</b>  3.3mm x 4.8mm .130" x .190"	<b>E65</b>  3.7mm x 21.0mm .146" x .827"	<b>EB4<sup>†</sup></b>  4.0mm x 4.0mm .157" x .157"	<b>E47</b>  4.6mm x 41.3mm .180" x 1.625"			Rectangle
<b>E78</b>  4.0mm x 15.0mm .157" x .591"	<b>E73</b>  5.0mm x 8.0mm .197" x .315"	<b>EJ7</b>  5.0mm x 9.0mm .197" x .354"	<b>E14</b>  5.1mm x 5.1mm .200" x .200"	<b>E79</b>  6.0mm x 6.0mm .236" x .236"		
Rectangle	<b>EJ4</b>  6.0mm x 8.0mm .236" x .315"	<b>E66</b>  6.4mm x 9.5mm .250" x .375"	<b>E25</b>  6.4mm x 12.7mm .250" x .500"	<b>EG9</b>  6.4mm x 41.3mm .250" x 1.625"		Rectangle
	<b>E05</b>  7.5mm x 15.0mm .295" x .591"	<b>EG8</b>  8.0mm x 8.0mm .315" x .315"	<b>E63</b>  9.5mm x 9.5mm .375" x .375"	<b>E68</b>  9.5mm x 12.7mm .375" x .500"	<b>E84</b>  9.5mm x 20mm .375" x .787"	
<b>E20</b>  9.5mm x 25.4mm .375" x 1.000"	<b>E80</b>  11.5mm x 10.5mm .453" x .414"	<b>E75</b>  15.9mm x 25.4mm .625" x 1.000"	<b>E49</b>  17.0mm x 17.0mm .669" x .669"			Rectangle

† Contact your sales or customer service representative for details.

<b>Rectangle</b>	<b>E36</b>  25.0mm x 20.0mm .984" x .787"	<b>E60</b>  3.3mm x 13.2mm .130" x .402"	<b>EA7</b>  11.4mm x 16.0mm .448" x .630"	<b>E52</b>  4.0mm x 8.2mm .157" x .324"	<b>UC301612</b>  11.1mm x 33.3mm .436" x 1.313"	<b>Wedge</b>
		<b>Mini-Clip</b>	<b>E93</b>  2.5mm x 8.4mm .100" x .330"	<b>EB9</b>  3.7mm x 6.5mm .145" x .256"	<b>E27</b>  16.2mm x 5.8mm .638" x .230"	<b>E86</b>  18.8mm x 9.7mm .740" x .380"
<b>L-Shape</b>	<b>EA2<sup>+</sup></b>  3.8mm x 10.2mm .150" x .400"	<b>ED2</b>  5.0mm x 8.5mm .197" x .335"	<b>E13</b>  5.5mm x 12.0mm .217" x .472"	<b>E48<sup>+</sup></b>  7.9mm x 18.6mm .312" x .731"	<b>EB8</b>  14.0mm x 15.0mm .551" x .591"	<b>L-Shape</b>
<b>Knife Edge</b>	<b>E96</b>  2.7mm x 8.0mm .106" x .315"	<b>E67</b>  2.7mm x 11.3mm .106" x .445"	<b>EH6</b>  2.7mm x 11.3mm .106" x .445"	<b>E31</b>  2.7mm x 11.3mm .106" x .445"	<b>E19<sup>+</sup></b>  6.4mm x 19.1mm .250" x .750"	<b>Knife Edge</b>
<b>T-Shape</b>	<b>ED1</b>  4.0mm x 6.2mm .157" x .244"	<b>EA9</b>  4.0mm x 6.2mm .157" x .244"	<b>E41</b>  5.1mm x 4.8mm .200" x .190"	<b>ED4</b>  3.9mm x 6.0mm .152" x .235"	<b>E53</b>  7.6mm x 6.9mm .200" x .190"	<b>T-Shape</b>
	<b>EJ2</b>  4.0mm x 6.2mm .157" x .244"	<b>EH8</b>  10.00mm x 10.00mm .395" x .395"	<b>Round</b>	<b>EA4<sup>+</sup></b>  2.5mm diameter .098" diameter	<b>E69</b>  2.5mm diameter .098" diameter	<b>E34<sup>+</sup></b>  17.3mm x 10.2mm .681" x .402"

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.

D-Shape	<b>E17</b>   1.5mm x 3.8mm .060" x .150"	<b>EG6<sup>†</sup></b>   1.8mm x 4.6mm .070" x .180"	<b>EJ8</b>   1.8mm x 10.0mm .070" x .394"	<b>EK4</b>   1.8mm x 12.7mm .070" x .500"	<b>EJ9</b>   2.0mm x 10.0mm .080" x .394"	D-Shape
	<b>EK5</b>   2.0mm x 12.7mm .080" x .500"	<b>E51</b>   2.0mm x 17.1mm .080" x .675"	<b>EH2</b>   2.0mm x 17.2mm .080" x .675"	<b>E57</b>   2.3mm x 2.3mm .090" x .090"	<b>E45<sup>†</sup></b>   2.3mm x 3.9mm .090" x .155"	
	<b>ED7</b>   2.3mm x 12.7mm .080" x .500"	<b>EK1</b>   2.5mm x 10.0mm .098" x .394"	<b>EK6</b>   2.5mm x 12.7mm .098" x .500"	<b>E87</b>   2.8mm x 9.7mm .110" x .380"	<b>EK2</b>   3.0mm x 10.0mm .118" x .394"	
D-Shape	<b>EJ5</b>   3.0mm x 12.7mm .118" x .500"	<b>EK7</b>   3.0mm x 12.7mm .118" x .500"	<b>E26</b>   3.1mm x 9.1mm .120" x .360"	<b>EA3</b>   3.1mm x 3.8mm .120" x .150"	<b>EA1</b>   3.1mm x 6.4mm .120" x .250"	D-Shape
	<b>E95<sup>†</sup></b>   3.2mm x 7.4mm .125" x .292"	<b>EK3</b>   3.5mm x 10.0mm .138" x .394"	<b>EK8</b>   3.5mm x 12.7mm .138" x .394"	<b>E90</b>   3.6mm x 6.4mm .140" x .250"	<b>EG4</b>   3.8mm x 3.8mm .150" x .150"	
	<b>EA5</b>   4.0mm x 6.0mm .156" x .236"	<b>E35<sup>†</sup></b>   4.0mm x 7.4mm .156" x .292"	<b>E43<sup>†</sup></b>   4.0mm x 7.4mm .156" x .292"	<b>EH1</b>   4.0mm x 12.7mm .157" x .500"	<b>EH7</b>   4.0mm x 12.7mm .157" x .500"	
D-Shape	<b>E50<sup>†</sup></b>   4.3mm x 9.7mm .170" x .380"	<b>E64</b>   4.7mm x 12.2mm .185" x .480"	<b>EB1<sup>†</sup></b>   4.7mm x 12.2mm .185" x .480"	<b>E04</b>   4.8mm x 7.6mm .189" x .300"	<b>EC9</b>   5.0mm x 17.2mm .197" x .675"	

† Contact your sales or customer service representative for details.



D-Shape	<b>EJ1</b>  HB V-O 5.5mm x 12.7mm .217" x .500"	<b>E10</b>  HB V-O 6.4mm x 9.5mm .250" x .375"	<b>EA6</b>  HB V-O 6.4mm x 9.5mm .250" x .375"	<b>EH5</b>  HB V-O 9.53mm x 12.7mm .375" x .500"	D-Shape
	C-Fold	<b>E92<sup>+</sup></b>  V-O 6.0mm x 7.4mm .240" x .292"	<b>E56</b>  HB V-O 6.1mm x 7.4mm .240" x .292"	<b>EB6<sup>+</sup></b>  V-O 6.1mm x 7.5mm .240" x .294"	
<b>EC3</b>  HB V-O 6.4mm x 7.1mm .250" x .280"		<b>EH3</b>  HB V-O 8.0mm x 8.0mm .315" x .315"	<b>EG3</b>  HB V-O 9.8mm x 10.7mm .385" x .420"	<b>E98</b>  HB V-O 9.8mm x 10.7mm .385" x .420"	
<b>E98 Riveted</b>  HB V-O 9.8mm x 10.7mm .385" x .420"		<b>EH9</b>  HB V-O 9.78mm x 10.67mm .385" x .420"	<b>E55</b>  HB 9.8mm x 12.2mm .385" x .480"	<b>E40</b>  HB V-O 10.0mm x 10.9mm .395" x .430"	
<b>ED8</b>  HB V-O 11.4mm x 16.0mm .448" x .630"		<b>E85</b>  HB V-O 11.8mm x 10.7mm .465" x .420"	<b>E16</b>  HB V-O 18.0mm x 14.2mm .710" x .560"	<b>E02</b>  HB V-O 23.9mm x 14.0mm .940" x .550"	
U-Shape	<b>EC2</b>  HB V-O 9.0mm x 11.0mm .354" x .433"	<b>E32</b>  HB V-O 17.1mm x 14.7mm .675" x .580"			
	<b>EG5</b>  HB V-O 9.5mm x 12.7mm .374" x .500"	<p>Drawings are representative of the profile. Please contact your Schlegel EMI representative for engineering drawings.</p> <p><b>Lead times for all standard parts will be 1-3 days. All other parts are dependent on inventory.</b></p>			

♦ Contact your sales or customer service representative for details.



**EMI Shielding  
Products**



# 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 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 representative.

Part	PSA WIDTH			Part	PSA WIDTH		
	Inches	mm	Inches [mm]		Inches	mm	Inches [mm]
<b>Rectangle</b>							
<b>E01</b>	.118 x .157	3.0 x 4.0	.070 [1.8]	<b>E73</b>	.197 x .315	5.0 x 8.0	.125 [3.2]
<b>E03</b>	.039 x .157	1.0 x 4.0	.070 [1.8]	<b>E74</b>	.130 x .190	3.3 x 4.8	.100 [2.5]
<b>E05</b>	.295 x .591	7.5 x 15.0	.250 [6.4]	<b>E75</b>	.625 x 1.000	15.9 x 25.4	.250 [6.4]
<b>E06</b>	.039 x .276	1.0 x 7.0	.125 [3.2]	<b>E77</b>	.079 x .275	2.0 x 7.0	.125 [3.2]
<b>E07</b>	.079 x 1.625	2.0 x 41.3	.125 [3.2]	<b>E78</b>	.157 x .591	4.0 x 15.0	.250 [6.4]
<b>E08</b>	.079 x .394	2.0 x 10.0	.125 [3.2]	<b>E79</b>	.236 x .236	6.0 x 6.0	.125 [3.2]
<b>E09</b>	.079 x 1.125	2.0 x 28.6	.125 [3.2]	<b>E80</b>	.453 x .414	11.5 x 10.5	.188 [4.8]
<b>E11</b>	.039 x .394	1.0 x 10.0	.125 [3.2]	<b>E81</b>	.079 x .157	2.0 x 4.0	.070 [1.8]
<b>E12</b>	.039 x .197	1.0 x 5.0	.100 [2.5]	<b>E83</b>	.020 x .157	0.5 x 4.0	.070 [1.8]
<b>E14</b>	.200 x .200	5.1 x 5.1	.100 [2.5]	<b>E84</b>	.375 x .787	9.5 x 20.0	.250 [6.4]
<b>E18</b>	.118 x .118	3.0 x 3.0	.070 [1.8]	<b>E88</b>	.020 x .276	0.5 x 7.0	.125 [3.2]
<b>E20</b>	.375 x 1.000	9.5 x 25.4	.500 [12.7]	<b>E91</b>	.020 x .394	0.5 x 10.0	.125 [3.2]
<b>E24</b>	.079 x .500	2.0 x 12.7	.250 [6.4]	<b>E97</b>	.049 x .315	1.2 x 8.0	.070 [1.8]
<b>E25</b>	.250 x .500	6.4 x 12.7	.250 [6.4]	<b>E99</b>	.039 x .512	1.0 x 13.0	.250 [6.4]
<b>E28</b>	.125 x .500	3.2 x 12.7	.250 [6.4]	<b>EA8</b>	.059 x 1.06	1.5 x 27.0	.250 [6.4]
<b>E29</b>	.039 x 1.000	1.0 x 25.4	.250 [6.4]	<b>EB4</b>	.157 x .157	4.0 x 4.0	.070 [1.8]
<b>E30</b>	.079 x 2.362	2.0 x 60.0	none	<b>EB5</b>	.059 x .551	1.5 x 14.0	.250 [6.4]
<b>E36</b>	.984 x .787	25.0 x 20.0	.313 [8.0]	<b>EC5</b>	.039 x 1.627	1.0 x 41.3	
<b>E37</b>	.039 x .118	1.0 x 3.0	.070 [1.8]	<b>EC6</b>	.120 x 1.610	3.0 x 40.9	.100 [2.5]
<b>E39</b>	.039 x .710	1.0 x 18.0	.125 [3.2]	<b>EC7</b>	.079 x .295	2.0 x 7.5	.125 [3.2]
<b>E44</b>	.118 x 1.000	3.0 x 25.4	.250 [6.4]	<b>ED3</b>	.079 x .689	2.0 x 17.5	.250 [6.4]
<b>E47</b>	.180 x 1.625	4.6 x 41.3	.250 [6.4]	<b>ED5</b>	.118 x 1.693	3.0 x 43.0	.070 [1.8]
<b>E49</b>	.669 x .669	17.0 x 17.0	.312 [7.9]	<b>ED9</b>	.060 x .197	1.5 x 5.0	.100 [2.5]
<b>E58</b>	.079 x .827	2.0 x 21.0	.125 [3.2]	<b>EG2</b>	.060 x .390	1.5 x 10.0	.125 [3.2]
<b>E59</b>	.020 x .197	.5 x 5.0	.100 [2.5]	<b>EG7</b>	.079 x .750	2.0 x 19.0	.070 [1.8]
<b>E61</b>	.059 x .275	1.5 x 7.0	.125 [3.2]	<b>EG8</b>	.315 x .315	8.0 x 8.0	.125 [3.2]
<b>E62</b>	.125 x .375	3.2 x 9.5	.188 [4.8]	<b>EG9</b>	.250 x 1.625	6.4 x 41.3	.250 [6.4]
<b>E63</b>	.375 x .375	9.5 x 9.5	.188 [4.8]	<b>EH4</b>	.079 x .866	2.0 x 22.0	.250 [6.4]
<b>E65</b>	.146 x .827	3.7 x 21.0	.125 [3.2]	<b>EJ4</b>	.236 x .315	6.0 x 8.0	.125 [3.2]
<b>E66</b>	.250 x .375	6.4 x 9.5	.188 [4.8]	<b>EJ6</b>	.039 x .591	1.0 x 15.0	.250 [6.4]
<b>E68</b>	.375 x .500	9.5 x 12.7	.250 [6.4]	<b>EJ7</b>	.200 x .350	5.0 x 9.0	.125 [3.2]
<b>E70</b>	.125 x .250	3.2 x 6.4	.125 [3.2]				

<b>C-Fold</b>							
<b>E02</b>	.940 x .550	23.9 x 14.0	.250 [6.4]	<b>E98</b>	.385 x .420	9.8 x 10.7	.188 [4.8]
<b>E16</b>	.710 x .560	18.0 x 14.2	.250 [6.4]	<b>E98+Rivet</b>	.385 x .420	9.8 x 10.7	rivet
<b>E21</b>	.250 x .234	6.4 x 5.9	.100 [2.5]	<b>EB6</b>	.240 x .294	6.1 x 7.5	self-mounting
<b>E32</b>	.675 x .580	17.1 x 14.7	.250 [6.4]	<b>EC3</b>	.250 x .280	6.4 x 7.1	.250 [6.4]
<b>E40</b>	.395 x .430	10.0 x 10.9	.188 [4.8]	<b>ED8</b>	.448 x .630	11.4 x 16.0	.250 [6.4]
<b>E55</b>	.385 x .480	9.8 x 12.2	self-mounting	<b>EG3</b>	.385 x .420	9.8 x 10.7	.188 [4.8]
<b>E56</b>	.240 x .292	6.1 x 7.4	self-mounting	<b>EH3</b>	.315 x .315	8.0 x 8.0	.125 [3.2]
<b>E85</b>	.465 x .420	11.8 x 10.7	.188 [4.8]	<b>EH9</b>	.385 x .420	9.8 x 10.7	.188 [4.8]
<b>E92</b>	.240 x .292	6.0 x 7.4	self-mounting				

Part	PSA WIDTH			Part	PSA WIDTH		
	Inches	mm	Inches [mm]		Inches	mm	Inches [mm]
<b>D-Shape</b>							
<b>E04</b>	.189 x .300	4.8 x 7.6	.125 [3.2]	<b>ED7</b>	.080 x .500	2.3 x 12.7	.125 [3.2]
<b>E10</b>	.250 x .375	6.4 x 9.5	.188 [4.8]	<b>EG4</b>	.150 x .150	3.8 x 3.8	.070 [1.8]
<b>E17</b>	.060 x .150	1.5 x 3.8	.070 [1.8]	<b>EG6</b>	.070 x .180	1.8 x 4.6	.100 [2.5]
<b>E26</b>	.120 x .360	3.1 x 9.1	.188 [4.8]	<b>EH1</b>	.157 x .500	4.0 x 12.7	.100 [2.5]
<b>E35</b>	.156 x .292	4.0 x 7.4	self-mounting	<b>EH2</b>	.080 x .675	2.0 x 17.2	.160 [4.1]
<b>E43</b>	.156 x .292	4.0 x 7.4	self-mounting	<b>EH5</b>	.375 x .500	9.5 x 12.7	.250 [6.4]
<b>E45</b>	.090 x .155	2.3 x 3.9	.070 [1.8]	<b>EH7</b>	.157 x .500	4.0 x 12.7	.100 [2.5]
<b>E50</b>	.170 x .380	4.3 x 9.7	.188 [4.8]	<b>EJ1</b>	.217 x .500	5.5 x 12.7	.100 [2.5]
<b>E51</b>	.080 x .675	2.0 x 17.1	.160 [4.1]	<b>EJ5</b>	.118 x .500	3.0 x 12.7	.100 [2.5]
<b>E57</b>	.090 x .090	2.3 x 2.3	.080 [2.0]	<b>EJ8</b>	.070 x .394	1.8 x 10.0	.100 [2.5]
<b>E64</b>	.185 x .480	4.7 x 12.2	self-mounting	<b>EJ9</b>	.079 x .394	2.0 x 10.0	.100 [2.5]
<b>E87</b>	.110 x .380	2.8 x 9.7	.188 [4.8]	<b>EK1</b>	.098 x .394	2.5 x 10.0	.100 [2.5]
<b>E90</b>	.140 x .250	3.6 x 6.4	.125 [3.2]	<b>EK2</b>	.118 x .394	3.0 x 10.0	.100 [2.5]
<b>E95</b>	.125 x .292	3.2 x 7.4	self-mounting	<b>EK3</b>	.138 x .394	3.5 x 10.0	.100 [2.5]
<b>EA1</b>	.120 x .250	3.1 x 6.4	.125 [3.2]	<b>EK4</b>	.070 x .500	1.8 x 12.7	.100 [2.5]
<b>EA3</b>	.120 x .150	3.1 x 3.8	.070 [1.8]	<b>EK5</b>	.079 x .500	2.0 x 12.7	.100 [2.5]
<b>EA5</b>	.156 x .236	4.0 x 6.0	.125 [3.2]	<b>EK6</b>	.098 x .500	2.5 x 12.7	.100 [2.5]
<b>EA6</b>	.250 x .375	6.4 x 9.5	.188 [4.8]	<b>EK7</b>	.118 x .500	3.0 x 12.7	.100 [2.5]
<b>EB1</b>	.185 x .480	4.7 x 12.2	self-mounting	<b>EK8</b>	.138 x .500	3.5 x 12.7	.100 [2.5]
<b>EC9</b>	.197 x .675	5.0 x 17.2	.160 [4.1]				
<b>T-Shape</b>							
<b>E41</b>	.200 x .190	5.1 x 4.8	tape optional	<b>ED4</b>	.152 x .235	3.9 x 6.0	.100 [2.5]
<b>E53</b>	.300 x .270	7.6 x 6.9	tape optional	<b>EH8</b>	.390 x .400	9.9 x 10.2	.188 [4.8]
<b>EA9</b>	.157 x .244	4.0 x 6.2	.125 [3.2]	<b>EJ2</b>	.177 x .244	4.5 x 6.2	.100 [2.5]
<b>ED1</b>	.157 x .244	4.0 x 6.2	.125 [3.2]				
<b>L-Shape</b>				<b>Knife Edge</b>			
<b>E13</b>	.217 x .472	5.5 x 12.0	.188 [4.8]	<b>E19</b>	.250 x .750	6.4 x 19.1	.250 [6.4]
<b>E48</b>	.312 x .731	7.9 x 18.6	.250 [6.4]	<b>E31</b>	.106 x .445	2.7 x 11.3	.250 [6.4]
<b>EA2</b>	.150 x .400	3.8 x 10.2	.250 [6.4]	<b>E67</b>	.106 x .445	2.7 x 11.3	.250 [6.4]
<b>EB8</b>	.551 x .591	14.0 x 15.0	.160 [4.1]	<b>E96</b>	.106 x .315	2.7 x 8.0	.100 [2.5]
<b>ED2</b>	.197 x .335	5.0 x 8.5	.160 [4.1]	<b>EH6</b>	.050 x .445	1.27 x 11.3	.250 [6.4]
<b>P-Shape</b>				<b>Self-Mounting</b>			
<b>E60</b>	.130 x .520	3.3 x 13.2	.250 [6.4]	<b>E27</b>	.638 x .230	16.2 x 5.8	self-mounting
<b>EA7</b>	.448 x .630	11.4 x 16.0	.312 [7.9]	<b>E86</b>	.740 x .380	18.8 x 9.7	self-mounting
<b>Round</b>				<b>U-Shape</b>			
<b>E69</b>	.98 dia.	2.5 dia.	none	<b>EC2</b>	.354 x .157	9.0 x 11.0	.125 [3.2]
<b>EA4</b>	.98 dia.	2.5 dia.	none	<b>EG5</b>	.374 x .500	9.5 x 12.7	.250 [6.4]
<b>Mini Clip</b>				<b>Wedge</b>			
<b>E93</b>	.100 x .330	2.5 x 8.4	self-mounting	<b>E52</b>	.157 x .324	4.0 x 8.2	.125 [3.2]
<b>EB9</b>	.145 x .256	3.7 x 6.5	self-mounting				
<b>Environmental Seal</b>							
<b>E34</b>	.681 x .402	17.3 x 10.2	.250 [6.4]				

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