

Seal-Fast™

Enclosure & Door Seals

High Performance Edge Seal Solutions



Profile A

The Seal-Fast High Performance Edge Seal protects vital equipment from damage from environmental conditions by meeting critical industry standards, improves efficiency with high, long-term performance and a multi-axis, flexible fit. Fast Customization of profiles, mitering and vulcanizing of corners and film bonding of ends are also available.

A better, cleaner, and faster way to protect your equipment from environmental conditions; dust, low and high temperatures, and moisture.

Seal-Fast D Series Edge Seals are available in a variety of materials, which include a flexible steel or stainless steel substrate, Silicone, EPDM, or PVC gasket and seal assembly allowing for fast and easy assembly.



Profile B

Features and Benefits:

- Excellent grip strength
- Excellent resistance to abrasion, water absorption, and low and high temperatures
- Indoor or outdoor use
- Fast assembly without the use of adhesives, rivets, or screws
- Multi-axis flexibility for small inside and outside radius corners

Applications:

- Automotive
- Railway
- Aerospace
- Food service (FDA white)
- Telecommunication
- Construction, mining, and forestry
- General industrial



Profile F

“D” Silicone Series

- Flame, Smoke and Toxicity Compliant per:
 - ASTM E1354 (Cone Calorimeter), EN 45545-2
 - ASTM E662 (Smoke Density), EN 45545-2
 - ASTM C542 & C 1166 (Flame Propagation), EN 45545-2
 - BSS 7239 and SMP800C (Toxicity), EN 45545-2
- FDA Approved (White Silicone)

“D” EPDM Series

- FMVSS 302 (Flammability of Interior Materials)
- SAE J1885 (Interior Weatherometer)
- SAE J1960 (Exterior Weatherometer)
- SAE 200 M8BA 708 B13 21-6 (Low Temperature Flexibility)
- UL 50E Compliant, File Number JMST2.MH60351

“D” PVC/EPDM Series

- Greater flexibility for small corner radii
- Smaller profile

*Ask about our custom solutions and finite element analysis (FEA) capabilities



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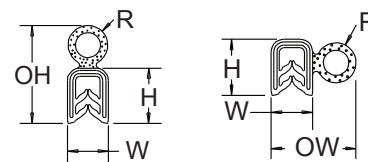


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Seal-Fast™ Enclosure and Door Seal Qualifications

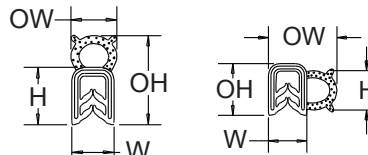
Seal-Fast™ Seal Product Configurations		PVC/EPDM	EPDM	Silicone	
Substrate (Base Material)		Steel Clip	Steel Wire (Optional: Stainless Steel Wire)	Steel Wire (Optional: Stainless Steel Wire)	
Gasket Material	Type	PVC	EPDM	Silicone	FDA Approved Silicone
	Durometer	Shore A 65	Shore A 70 (Optional: 50)	Shore A 75 (Optional: 50 and 60)	Shore A 60
	Color	Black	Black	Black, Red, Grey	White
Seal Material (Top or Side Bulb)	Type	EPDM	EPDM	Silicone	FDA Approved Silicone
	Durometer	Sponge	Sponge	Shore A 75	Shore A 60
	Color	Black	Black	Black	White
Continuous Operating Temperature Range		Up to 212°F (100°C)	-40°F to 250°F (-40°C to 121°C)	-50°F to 250°F (-45°C to 121°C) Up to 450°F (232°C) Silicone Available Upon Request	-50°F to 250°F (-45°C to 121°C)
Interior Weatherometer			SAE J1885		
Exterior Weatherometer			SAE J1960		
Low Temperature Flexibility			SAE J200 M8BA 708 B13 Z1-6		
Flame Propagation - Rail & Aero				ASTM C 542, ASTM C1166, EN 45545-2	
Flammability of Interior Materials (Burn Resistance) - Automotive			FMVSS 302		
Toxicity - Rail & Aero				BSS 7239, ATS 100/ABD0031 ASTM E 662 & METHOD D 2036-91, EN 45545-2	
Food Service Equipment				FDA Approved White	
Fabrications Options		Factory pre-cut lengths, bulk, or private branded kits			
Compression and Recompression			UL 50 and 50E		
RoHS Compliant		YES	YES	YES	

Seal-Fast™ Standard Profiles



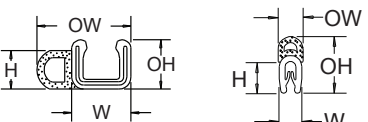
Profile A

Profile B



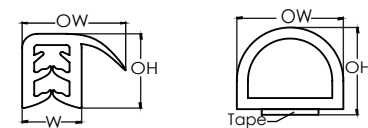
Profile C

Profile D



Profile E

Profile F



Profile "Wing"

Profile G

DTi Part #	Substrate Material	Gasket Material	Seal Material	Seal Config.	Profile	Grommet Width (inches)	Grommet Height (inches)	Overall Width (inches)	Overall Height (inches)	Seal Radius (inches)	Seal Width (inches)	Application Thickness (inches)
D3-001-S011	Steel	EPDM	EPDM	Top	A	0.394	0.532	0.394	0.942	0.19	0.38	0.040-0.125
D3-002-S011	Steel	EPDM	EPDM	Top	A	0.394	0.532	0.59	1.162	0.295	0.59	0.040-0.125
D3-003-S011	Steel	EPDM	EPDM	Top	A	0.394	0.532	0.72	1.292	0.36	0.72	0.040-0.125
D3-004-S011	Steel	EPDM	EPDM	Side	B	0.394	0.532	0.806	0.532	0.19	0.38	0.040-0.125
D3-005-S011	Steel	EPDM	EPDM	Side	B	0.394	0.532	1.058	0.623	0.312	0.623	0.040-0.125
D4-033-T244	Stainless	Silicone White	Silicone White	Side	B	0.394	0.532	0.92	0.523	0.28	0.525	0.187 Nom.
D3-056-T044	Stainless	Silicone	Silicone Black	Top	C	0.394	0.532	0.43	0.83	0.215	0.43	0.040-0.125
D3-009-S011	Steel	EPDM	EPDM	Top	C	0.394	0.532	0.430	0.830	0.215	0.43	0.040-0.125
D3-022-S044	Steel	Silicone	Silicone	Top	A	0.394	0.532	0.55	1.562	0.275	1.03	0.040-0.125
D3-024-S044	Steel	Silicone	Silicone	Side	B	0.394	0.532	1.15	0.69	0.265	0.756	0.040-0.125
D3-028-S044	Steel	Silicone	Silicone	Top	C	0.394	0.532	0.55	1.06	0.25	0.5	0.040-0.125
D3-008-S044	Steel	Silicone	Silicone	Top	C	0.394	0.532	0.424	0.847	0.212	0.424	0.040-0.125
D3-059-S144	Steel	Silicone	Silicone Gray	Side	D	0.394	0.532	0.656	0.529	0.262	0.262	0.040-0.125
D3-094-S144	Steel	Silicone	Silicone	Side	Wing	0.394	0.532	0.697	0.532	0.303	0.303	0.040-0.125
D3-010-S011	Steel	EPDM	EPDM	Side	D	0.394	0.532	0.701	0.532	--	0.307	0.040-0.125
D8-012-S011	Steel	EPDM	EPDM	Side	E	0.732	0.608	1.161	0.608	--	0.429	0.500 Nom
D9-027-S011	Steel	EPDM	EPDM	Side	E	0.926	0.607	1.324	0.607	--	0.398	0.531-0.625
D2-016-S021	Steel	Flexible PVC	EPDM	Top	F	0.256	0.311	0.256	0.571	--	0.256	0.029-0.082
D3-015-S021	Steel	Flexible PVC	EPDM	Top	F	0.433	0.484	0.433	0.846	--	0.433	0.040-0.125
D10-120-001	None	None	EPDM	Top	G	-	-	0.75	0.562	0.375	0.562	0.750 Nom

Additional and custom sizes & profiles available, please consult factory or representative for details or evaluation samples

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