

Profile Selection Guide



High-Quality Compression Sealing

Schlegel PolyFab[®] is a premier line of foam, PP, TPE, and dual-extrusion gaskets. From custom windows and doors to office cubicles and other building and product projects, PolyFab[®] sealing products provide consistent quality that is unsurpassed in the industry.

Schlegel EMI brings 40 years of expertise in sealing gaskets to the construction industry with the PolyFab[®] line.

All parts shipped from Schlegel EMI are RoHS and REACH compliant.

PolyFab® Properties



Highly engineered embossed polyethylene liner

- Resists paints and varnishes
- Long lasting
- Maintains an attractive appearance



UV stabilized

- Stable in sunlight (UV stable)
- Tested up to 5,000 Kj/m² with no visible degradation



Resilient urethane open-celled foam

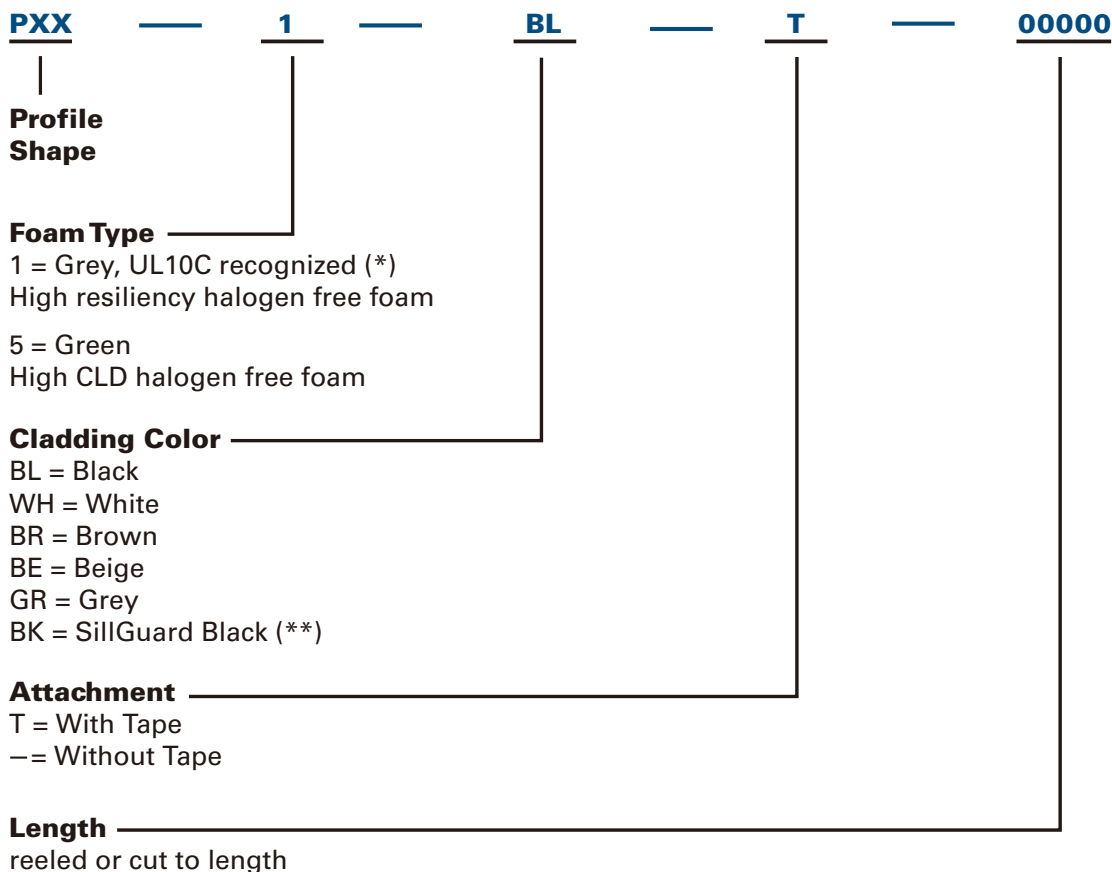
- Shape and resiliency are retained over time
- Offers excellent all temperature sealing performance
- No corner leaks
- Seal conforms to uneven surfaces



Dual durometer insert

- Allows for easy insertion and maximum retention
- It is removable without damaging jamb or seal

Part Number Guide (Foam Gaskets)









(*) UL10C, Standard for positive pressure fire tests of door assemblies.

(**) SillGuard Black (Fine Satin Embossed):



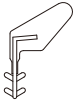

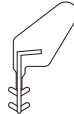















Hydrostatic Resistance: 115psi. Flame Resistance, after flame: (sec) ≤ 2.0

Liner





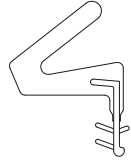
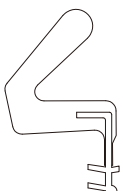
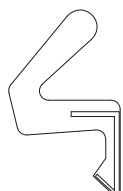
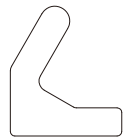
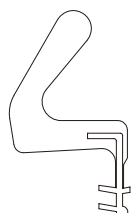
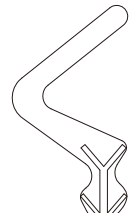

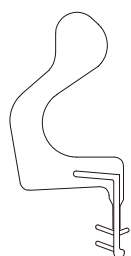




Black (BL)	White (WH)	Brown (BR)	Beige (BE)	Grey (GR)	SillGuard Black (BK)
					

Tensile Strength (psi)	3450
Compression Set	<15% (compressed at 50% during 22 Hrs. @ 70 °C)
Heat Conductivity W/mK	0.06 at 0 °C
Operating Temperature	-60 to 70 °C

Profiles (Foam Gaskets)

P4U*	P66	P4X	P4E*	P4F*
				
2.54mm x 6.6mm .100" x .260"	6.35mm x 9.53mm .250" x .375"	6.4mm x 8.3mm .252" x .327"	6.6mm x 6.6mm .260" x .260"	8.5mm x 8.5mm .335" x .335"
P63	P68	P90*	P10	P4P*
				
9.53mm x 9.53mm .375" x .375"	9.53mm x 12.7mm .375" x .500"	3.56mm x 6.35mm .140" x .250"	6.35mm x 9.53mm .250" x .375"	3.8mm x 4.8mm .150" x .189"
P41*	P4T*	P4S*	PQ2*	P4R*
				
5.08mm x 4.83mm .200" x .190"	5.1mm x 6.9mm .201" x .272"	5.7mm x 4.8mm .224" x .189"	6.35mm x 4.83mm .250" x .190"	6.4mm x 6.9mm .252" x .272"
P5K	P5N	P53	P4Q	P3W
				
7.0mm x 6.9mm .276" x .272"	7.6mm x 4.8mm .300" x .189"	7.62mm x 6.86mm .300" x .270"	9.53mm x 4.83mm .375" x .190"	9.53mm x 6.86mm .375" x .270"



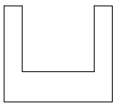


Profiles (Foam Gaskets)

PH3*	P4V	P98*	P85	P4C*
				
8.0mm x 8.0mm .315" x .315"	8.79mm x 11.3mm .346" x .445"	9.78mm x 10.67mm .385" x .420"	11.8mm x 10.7mm .465" x .421"	12.42mm x 15.06mm .489" x .593"
P4M	P4W	P32	P3X*	P5A*
				
16.5mm x 14.7mm .650" x .579"	16.51mm x 14.73mm .650" x .580"	17.15mm x 14.73mm .675" x .580"	18.79mm x 15.62mm .740" x .615"	19.5mm x 16.6mm .768" x .654"
P4N	P3Y*	P60	P4Y	P5J
				
20.9mm x 14.7mm .823" x .579"	23.52mm x 15.77mm .926" x .621"	3.3mm x 13.2mm .130" x .520"	9.68mm x 24.0mm .381" x .945"	5.5mm x 33.4mm .217" x 1.315"
P5B				
				
5.54mm x 42.9mm .218" x 1.689"				

Part Number Guide (Thermoplastic Elastomer "TPE" Gaskets)

PTXX — BL — T — 00000
 | | | |
 Profile Color Tape Length
 Shape

Profiles (Thermoplastic Elastomer "TPE" Gaskets)

PT01	PT02	PT03	PT04	PT05
				
9.42mm x 6.35mm .371" x .250"	14.29mm x 9.53mm .562" x .375"	12.7mm x 14.3mm .500" x .563"	5.8mm x 13.5mm .228" x .531"	11.1mm x 11.1mm .437" x .437"

More profile options available. Contact us at schlegelpolyfab@schlegelemi.com

Applications



Window Weatherstripping



Door Installation



Workplace Infrastructure



Construction Screen Installation

And many more!



Contact us at schlegelpolyfab@schlegelemi.com

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