

Q-LON® QDS 650 DOOR SEAL



SUPERIOR WEATHER PROTECTION BACKED BY THE SCHLEGEL STORM SHIELD GUARANTEE

QDS 650

PRODUCT APPLICATIONS

Compression Seal/Swing Door

MATERIAL

Polyethylene Clad Urethane Foam

KERF WIDTH

.125" (3.2mm)

KERF DEPTH

.438" (11.1mm)

COMPRESSION

Recommended 50%

Minimum 10%

Maximum 60%

RABBET DEPTH

2-1/8" (54mm)

COMPRESSION SET

Less than 5% when compressed to 50% of its original reach for 22 hrs. at 158° F (70° C).

INSTALLATION

One profile seals the strike side, hinge side and header.

FIRE RATING

Category H Edge Sealing System and Category J Gasketing for use with Category B wood doors rated 20 minutes fire tested without hose stream and Category B wood and plastic-covered composite doors rated up to 90 minutes.

STANDARD PACK

37" (.94m) 250 pcs./carton	97" (2.46m) 125 pcs./carton
82" (2.08m) 125 pcs./carton	120" (3.05m) 125 pcs./carton
86" (2.18m) 100 pcs./carton	144" (3.66m) 125 pcs./carton

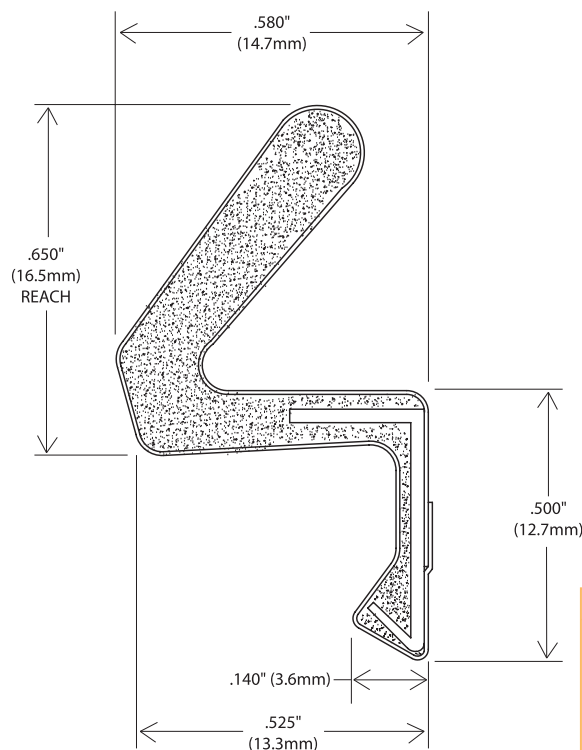
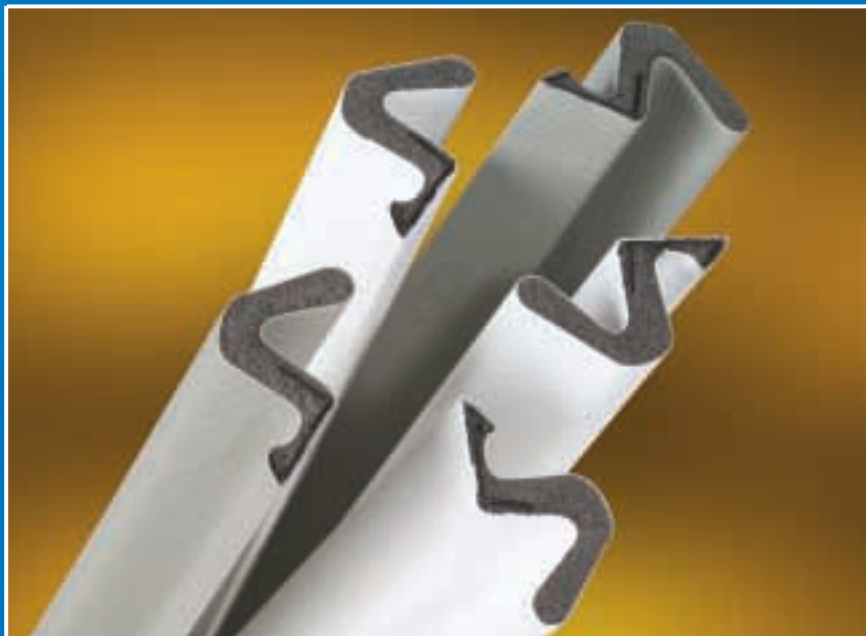
COLORS

Grey, black, white, bronze, beige

COLOR/LENGTH	PART NO.	COLOR/LENGTH	PART NO.
Grey 37" (.94m)	U8331-03700	White 97" (2.46m)	U8333-09700
Grey 82" (2.08m)	U8331-08200	White 120" (3.05m)	U8333-12000
Grey 86" (2.18m)	U8331-08600	White 144" (3.66m)	U8333-14400
Grey 97" (2.46m)	U8331-09700	Bronze 37" (.94m)	U8334-03700
Grey 120" (3.05m)	U8331-12000	Bronze 82" (2.08m)	U8334-08200
Grey 144" (3.66m)	U8331-14400	Bronze 86" (2.18m)	U8334-08600
Black 37" (.94m)	U8332-03700	Bronze 97" (2.46m)	U8334-09700
Black 82" (2.08m)	U8332-08200	Bronze 120" (3.05m)	U8334-12000
Black 86" (2.18m)	U8332-08600	Bronze 144" (3.66m)	U8334-14400
Black 97" (2.46m)	U8332-09700	Beige 37" (.94m)	U8336-03700
Black 120" (3.05m)	U8332-12000	Beige 82" (2.08m)	U8336-08200
Black 144" (3.66m)	U8332-14400	Beige 86" (2.18m)	U8336-08600
White 37" (.94m)	U8333-03700	Beige 97" (2.46m)	U8336-09700
White 82" (2.08m)	U8333-08200	Beige 120" (3.05m)	U8336-12000
White 86" (2.18m)	U8333-08600	Beige 144" (3.66m)	U8336-14400

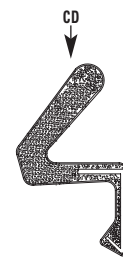
NOTE: Other lengths available upon request.

Tolerance +/- 1" (25.4mm)



UP TO 90 MINUTES

CD=COMPRESSION DIRECTION



ACTUAL SIZE

Q-LON[®] QDS 650 DOOR SEAL

Q-LON Door Seal is made of an open-cell urethane foam core and clad in an embossed polyethylene, U.V. stabilized, paint-resistant liner for kerf applications.



QDS 650

	LINEAL SHRINKAGE			COMPRESSION SET	
	%	Q-LON PERFORMANCE		%	Q-LON PERFORMANCE
Q-LON door seals	0.10	—	Q-LON door seals	5	—
Knock-off door seals	1.10	11.0 times better	Knock-off door seals	17	3.4 times better
TPE magnetic seals	0.40	4.0 times better	Closed-cell foam seals	13	2.6 times better
			TPE compression seals	25	5.0 times better
			TPE magnetic seals	50	10.0 times better

PRODUCT HIGHLIGHTS

FEATURE	BENEFIT
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/m ² 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.
Fully wrapped insert	Offers maximum protection against wood preservatives.

Q-LON DOOR SEAL TEST DATA

WATER INFILTRATION Passed water penetration tests at 25 mph (40km/h) and 34 mph (55km/h) ASTM E-331 standard test method.

WATER ABSORPTION No visible effects in degradation; water absorption negligible after being submerged in water for 24 hours and then exposed to -30° F (-34° C) for one week. Compressed 50% upon removal from the freezer. (Tested at Schlegel Testing Laboratories.)



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