

# Q-LON® QEBD 500 DOOR SEAL



SUPERIOR WEATHER PROTECTION BACKED BY THE SCHLEGEL STORM SHIELD GUARANTEE

QEBD 500

## 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

1-15/16" (49.2mm)

## COMPRESSION SET

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

## INSTALLATION

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 steam and Category B wood and plastic-covered composite doors rated up to 90 minutes. Also for use with Listed steel frames and/or Classified steel covered composite, hollow metal doors rated up to 3 hours. These seals comply with the requirements of Underwriters Laboratories UL 10C and UBC 7-2-97, GVI, file #R14384.

## STANDARD PACK

37" (.94m) 250 pcs./carton,  
other lengths, 125 pcs./carton.

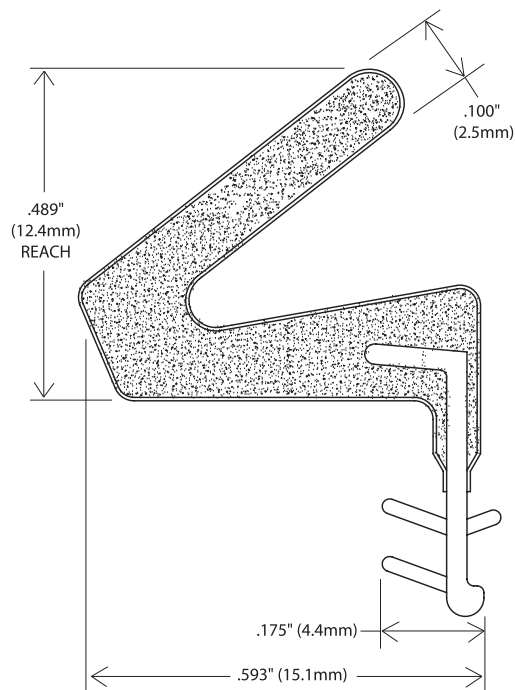
## COLORS

Black, white, bronze, beige

## COLOR/LENGTH PART NO.

Black 37" (.94m)	U9932-03700
Black 82" (2.08m)	U9932-08200
Black 86" (2.18m)	U9932-08600
Black 97" (2.46m)	U9932-09700
White 37" (.94m)	U9933-03700
White 82" (2.08m)	U9933-08200
White 86" (2.18m)	U9933-08600
White 97" (2.46m)	U9933-09700
Bronze 37" (.94m)	U9934-03700
Bronze 82" (2.08m)	U9934-08200
Bronze 86" (2.18m)	U9934-08600
Bronze 97" (2.46m)	U9934-09700
Beige 37" (.94m)	U9936-03700
Beige 82" (2.08m)	U9936-08200
Beige 86" (2.18m)	U9936-08600
Beige 97" (2.46m)	U9936-09700

**NOTE:** Other lengths available upon request.  
Tolerance +/- 1" (25.4mm)



UP TO 3 HOURS

CD=COMPRESSION DIRECTION



ACTUAL SIZE

Covered under Storm Shield Guarantee program. Guaranteed for the life of your door.

# Q-LON® QEBD 500 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.



QEBD 500

	LINEAL SHRINKAGE			COMPRESSION SET	
	%	Q-LON PERFORMANCE		%	Q-LON PERFORMANCE
<b>Q-LON</b> door seals	0.10	—	<b>Q-LON</b> 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 <sup>2</sup> 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.

## 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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