

Q-LON® QEB M570 MAGNETIC DOOR SEAL



SUPERIOR WEATHER PROTECTION BACKED BY THE SCHLEGEL STORM SHIELD GUARANTEE

QEB M570

PRODUCT APPLICATIONS

Magnetic Compression Seal/Steel Swing Door

MATERIAL

Polyethylene Clad Urethane Foam

KERF WIDTH

.125" (3.2mm)

KERF HEIGHT

.438" (11.1mm)

RABBET DEPTH

2-1/8" (54mm)

COMPRESSION

Recommended 40%

Minimum 10%

Maximum 60%

COMPRESSION SET

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

INSTALLATION

QEBM570 seals the strike side and header.
QEBD-650 seals the hinge side.

FIRE RATING

Category J Gasketing and Edge Sealing
Materials for Fire Doors, Positive Pressure
Tested UL rated for up to 90 minutes.

STANDARD PACK

75 pcs./carton

COLORS

White, bronze, beige, black

COLOR/LENGTH

White 37" (.94m)

White 82" (2.08m)

Bronze 37" (.94m)

Bronze 82" (2.08m)

Beige 37" (.94m)

Beige 82" (2.08m)

Black 37" (.94m)

Black 82" (2.08m)

PART NO.

U8233-03700

U8233-08200

U8234-03700

U8234-08200

U8236-03700

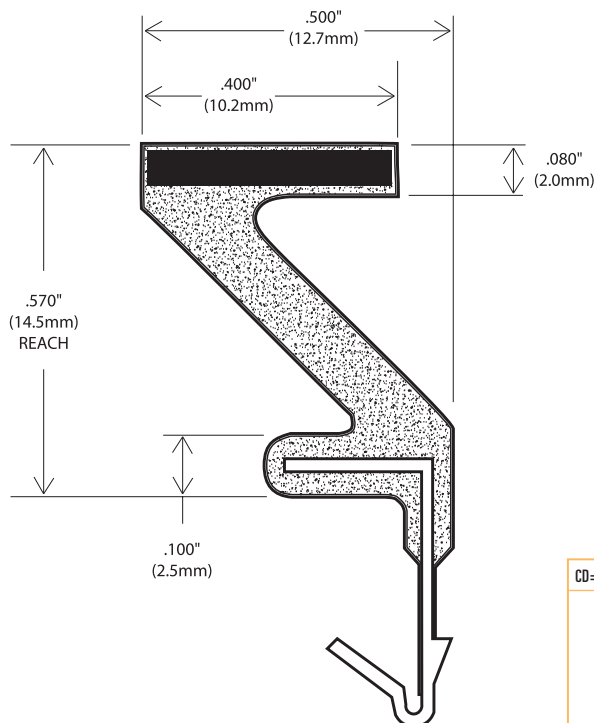
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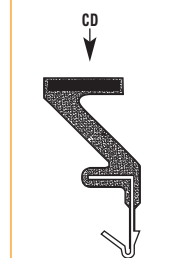
NOTE: Other lengths available upon request.

Tolerance +/- 1" (25.4mm)



UP TO 90 MINUTES

CD=COMPRESSION DIRECTION



ACTUAL SIZE

Q-LON® QEB M570 MAGNETIC DOOR SEAL

Q-LON Magnetic Door Seals are durable, UV-resistant, polyethylene cladding bonded to resilient urethane foam. They are thermoset, hardened by cross-linking to form a permanent three-dimensional molecular structure that remains resilient even under extended and repeated exposure to heat and pressure. Rigorous torture testing ensures they will last longer than any competitive product.



QEB M570

	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 polyethylene liner	Resists paints and varnishes. Long lasting. Maintains an attractive appearance. Stable in sunlight (UV stable). Tested up to 5,000 Kj/m ² with no visible degradation.
Special insert design	Installs easily with automated insertion equipment and has superior retention in the kerf.
Full extension when not compressed	The fully extended foam design reaches out further than other magnetic seals. This offers resilient reach characteristics to conform to warped or out-of-square doors.
Special "Z" design	Allows for continuous positive contact and a tighter seal. The magnet stays in contact with the door surface and maintains contact as it is closed.
Resilient urethane open-celled foam	Shape and resiliency are retained over time. Offers excellent all-temperature sealing performance. No corner leaks.

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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