



LISTING INFORMATION OF

**Coopers Fire Ltd. 20 Minute to 3 Hour Fire Rated FireMaster
Smoke and Fire Barrier (with or without Hook & Loop
Fastened Passage)**

SPEC ID: 30309

Coopers Fire Ltd.
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LISTING INFORMATION

Coopers Fire Ltd. FireMaster Smoke and Fire Barrier (with or without Hook & Loop fastened passage) protective curtain assembly, FireMaster® Egress Fire Curtain.

FIRE RATINGS

Test Standard	Rating ^a
UL 10D	180 minutes ^b
UL 10C, UL 10B, NFPA 252	20 minutes without hose stream

^aAssembly must be installed in a listed steel stud/gypsum or masonry wall matching or exceeding the desired door rating.

^bRating is reduced to **120 minutes** when FireMaster ResQ-Windows are installed. Up to two FireMaster ResQ-Windows may be installed per curtain assembly.

AIR LEAKAGE RATINGS

Test Standard	Test Type	Rating ^{c,d,e}
UL 1784	Ambient Temperature	≤3.0 cfm/ft ² at up to 0.10 in. of w.c.
UL 1784	Elevated Temperature	≤3.0 cfm/ft ² at up to 0.10 in. of w.c.

^cThis assembly was evaluated with an artificial bottom seal. The assembly is not to be installed in areas where pressurization is provided to control smoke movement in accordance with Section 4.3.2 of NFPA 105 (2019) or for hoistway opening protection and lobby doorways where prohibited in Chapter 30 of the 2018 IBC.

^dA pair of two-inch brushes are required at the headbox and a single one-inch brush is required at each side guide to meet air leakage ratings. Brushes must be listed & labeled for fire applications.

^e**Air leakage ratings have not been evaluated with ResQ-Windows installed. Values stated above are for curtains without ResQ-Windows installed.**

MAXIMUM SIZE LIMITATIONS**

Certification Procedure	Area	Width	Height
LABEL*	143 sq ft	13'-0"	11'-0"
OVERSIZE CERTIFICATE/LABEL	Unlimited	Unlimited	Unlimited

*Assemblies exceeding these dimensions must have an oversize label, issued by Intertek, stating the assembly is constructed in accordance with the certified design except for size. Acceptance of the oversize assembly is at the discretion of the Authority Having Jurisdiction.

**Fire only assemblies do not have a minimum size.

MINIMUM SIZE LIMITATIONS (UL 1784 ONLY)

Area	Width	Height
49 sq. ft.	7'-0"	7'-0"

Minimum Bottom Bar weight: 0.30 lbs per sq. ft. of curtain area

Maximum Curtain Rivet spacing: 15" on-center

Maximum Hook & Loop length: 8'-0"

Side Guide anchorage: 1/4" anchors spaced maximum 18" on-center

Top Hood/Assembly mounting: maximum 40" on-center

UL 10B, UL 10C, and NFPA 252 standards apply to 20 Minute Fire Endurance ratings without hose stream only. Please note that acceptance of the UL 10B, UL10C, and NFPA 252 ratings for the fire curtain product noted above is ultimately at the discretion of the Authority Having Jurisdiction.

Attribute	Value
Criteria	UL 1784 (2004)
Criteria	UL 10(b) (2008)
Criteria	NFPA 252 (2008)
Criteria	UL 10(c) (2009)
Criteria	UL 10(d) (2009)
Criteria	NFPA 252 (2012)
Criteria	UL 10(d) (2014)
Criteria	UL 10(c) (2016)
Criteria	UL 10(b) (R2015)
CSI Code	08 30 00 Specialty Doors and Frames
Fire Resistance	20 Min w/out Hose Negative Pressure
Fire Resistance	2 Hour Positive Pressure
Fire Resistance	20 Min w/out Hose Positive Pressure
Fire Resistance	3 Hour Positive Pressure
Intertek Services	Certification
Listed or Inspected	LISTED
Listing Section	DOORS - ROLLING STEEL
Listing Section	SMOKE CONTROL DOOR ASSEMBLIES
Report Number	G1003767, G101239680, G104478768
Spec ID	30309
Verification Test Type	ASTM E1252
Verification Testing	YES
Verification Testing Lab	MID - Middleton, WI