

# Static Smoke Curtain

## Draft Curtain



NAFFCO Static Smoke Curtains are a reliable solution for offering smoke protection in commercial and industrial buildings. Draft curtains, which are secured to structural steel, ensure that smoke and hot gases emitted during fire remain buoyant within the smoke zone, in accordance with smoke management strategies.

We are constantly developing and enhancing our static smoke curtains to ensure compliance with the latest standards and regulations.

### Fabric tested to

- BS 476 Pt6
- BS 476 Pt7
- DIN 61 101-1
- DN EN 1773
- DIN EN ISO 5084 / DIN EN ISO 2286-3
- DIN EN 12127
- DIN EN 1049-2
- DIN EN ISO 2060
- DIN EN ISO 137
- ISO 4606

### Compliance

- NFPA 92
- NFPA 204
- NFPA 13

### Fire Integrity

- Up to 120 min.



## Advantages

- **Design Solution**  
NAFFCO provides tailored solution to meet all shapes and requirements.
- **Light Weight**  
Our Fabric are light in weight, therefore significantly reduced load on structure and provides ease of installation even at higher elevations.
- **Maintenance**  
Our static smoke curtain require little to no maintenance due to their simple design and installation methods.
- **Width and Drops**  
Static smoke curtains designed to cover unlimited widths and heights.

## Applications

Warehouses, Storage Units, Aircraft Hangars, Hypermarkets / Shopping Facilities.

Applus<sup>+</sup>



## Fabric Data Sheet

Model: **NF-RGF0455/60**

### Specification

NF-RGF0455/60 is our lightest woven glass fabric coated with fire retardant aluminum-pigmented polyurethane on both sides.

NF-RGF0455/60 provide high temperature resistance and reflectivity, which provides a heat-reflecting surface along with other properties to manufacture smoke curtains, fire curtains & Barriers.

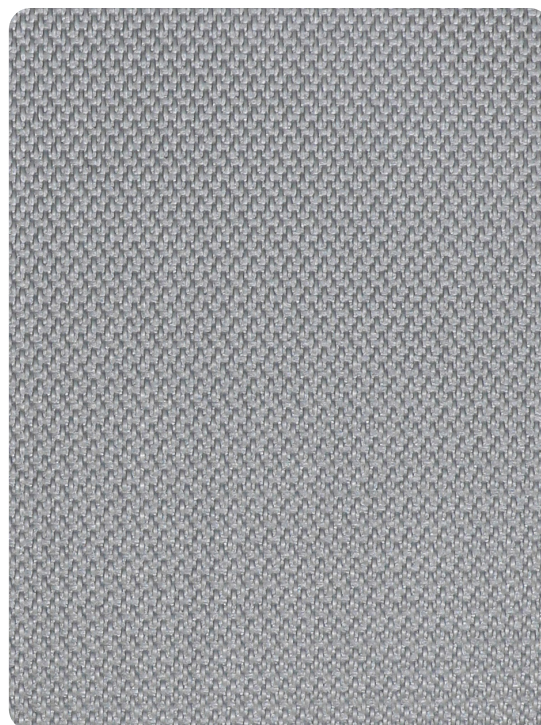
Fabric Reaction to Fire

BS EN 13501-1:2007+A1:2009 A2,S1,D0

BS EN 1201-1+A1

BS EN 1631-1

BS EN 1634-3:2004



### Fabric Data

Character	Unit	Value	Tolerance	Test Standard
Finished Fabric				
Weight	g/m²	455	±5%	
Thickness	mm	0.4	±5%	
Coating Weight	g/m²	40	±10%	
Coating Application		Both Side		
Base Fabric				
Weight	g/m²	415	±5%	
Weave Pattern	2x2 Broken Twill			
Thread Count Warp	per CM	18	±5%	
Thread Count Weft	per CM	11	±5%	
Yarn Count Warp	Tex	EC9 136		
Yarn Count Weft	Tex	EC9 136		
Standard Color	Grey			
Reaction to Fire		CLASS 0		See above
Application Temp.		Up to 600°C		
Tensile Strength Warp	N/cm	1080		
Tensile Strength Weft	N/cm	640		