

FIREMASTER 607 BLANKET

Datasheet Code : US:714-102 MSDS Code US : 406

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DESCRIPTION

FireMaster 607 Blanket is a flexible high temperature insulating fiber blanket made using Thermal Ceramics patented low biopersistent fiber Superwool 607 Chemistry which is suitable for use in both cellulosic and hydrocarbon fire protection applications.

FireMaster 607 Blanket is binder free and hence there are no risks of smoke, toxic gas emissions or loss of strength during a fire due to binder burnt out.

CLASSIFICATION TEMPERATURE 1200° C

FEATURES

- Flexible and strong blanket well suited for wrapping, folding and packing
- Exonerated from any carcinogenic classification under nota Q of directive 97/69EC
- UI Classified (R I 1044) per ASTM E 814 (UL 1479) and ASTM E 84
- Zero (0) Flame Spread Rating per ASTM E 84
- Zero (0) Smoke Developed Rating per ASTM E 84
- Completely inorganic and does not contribute fuel to fires
- No Toxic fumes or off-gassing during fire event
- Good Acoustical benefits

Benefits

- Hydrocarbon fire protection of process pipes
- Construction joints, Partition walls
- Cable tray fire protection
- Duct work fire Protection
- Cellulosic and hydrocarbon fire protection off structural steel work
- Firestops

FIREMASTER 607 BLANKET

Main Properties

Classification Temperature ^o	C	1200
Typical Physical Properties		
Colour	White	
Density	Kg/m ³	128
Flammability (ASTM E 84/UL 723)		
Flame Spread		0
Smoke Spread		0
High Temperature Performance		
Linear Shrinkage(24 hrs @ 1100 C) (ENV 1094-7)	%	< 4.0
Thermal conductivity (ASTM C 201) at mean temperature of :		
260 C	W/m.K	0.06
538 C	W/m.K	0.11
816 C	W/m.K	0.18
1000 C	W/m.K	0.25

Chemical Composition

SiO ₂	%	62-68
CaO	%	26-32
MgO	%	3-7
Other Oxides	%	< 1

AVAILABILITY & PACKAGING

Thickness (mm)	64 kg/m ³	96 kg/m ³	128 kg/m ³
6	-	-	✓
12	-	✓	✓
19	-	✓	✓
25	✓	✓	✓
38	-	✓	✓
50	-	✓	✓

The values given herein are typical values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. They are supplied as a technical service and are subject to change without notice. Therefore, the data contained herein should not be used for specification purposes. Check with your Thermal Ceramics office to obtain current information