

## 3M CG-22 FB-900 Filter Bag

Category : Other Engineering Material

**Material Notes:**

3M has developed a line of advanced textiles for manufacturing high temperature filter bags which can be used at temperatures up to 700°F (371°C), or for those even higher temperature applications up to 900°F (482°C). These advanced fabrics have proven successful in hot gas filtration bag houses. (Typical properties of the textiles are provided on back.) Features: Efficient particulate filtration High temperature capability Resistance to thermal excursions Abrasion resistance Retrofit existing baghouses Applications: Cement Incineration Chemical processing Petrochemical Product collection Coal-fired boilers Information provided by 3M

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_3M-CG-22-FB-900-Filter-Bag.php](http://www.lookpolymers.com/polymer_3M-CG-22-FB-900-Filter-Bag.php)

Physical Properties	Metric	English	Comments
Permeability	20 - 45	20 - 45	[ft <sup>3</sup> /ft <sup>2</sup> .min], @ H <sub>2</sub> O, Air w/o sizing

Mechanical Properties	Metric	English	Comments
Tear Strength	43.7 kN/m	250 pli	warp

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	482 °C	900 °F	continuous operation
	565 °C	1050 °F	short excursions

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