



CERAMIC FIBER MODULES

Protherm Ceramic Fiber (CF) Modules are manufactured from ceramic fiber blanket suitable for industrial applications to withstand temperatures of up to 2600°F. The modules are specially designed to meet or improve the thermal insulation requirements of industrial furnaces. Protherm CF Modules are produced with various anchoring systems to enable quick, easy and efficient installation in most furnace linings.

CLASSIFICATIONS

Protherm CF Modules STD
Protherm CF Modules HPS
Protherm CF Modules HTZ

FEATURES

Low shrinkage
Low thermal conductivity
Low heat storage
Fast installation

APPLICATIONS

Petrochemical
Metallurgy
Steel industry
Ceramic
Power plant

SIZES AVAILABLE

6" x 12" x 12"
8" x 12" x 12"
10" x 12" x 12"
12" x 12" x 12"

Other sizes available according to customer's requirements.



TECHNICAL DATA SHEET

Classification	CF Module STD	CF Module HPS	CF Module HTZ
Classification Temperature (°F)	2300°F	2300°F	2600°F
Continuous Use Temperature(°F)	1832°F	2012°F	2462°F
Color	White	White	White
Shrinkage on Heating (%)	≤3	≤3	≤3
	(1832°F x 24hrs)	(2012°F x 24hrs)	(2462°F x 24hrs)
Chemical composition (%)			
Al ₂ O ₃	≥44	≥44	≥34
Al ₂ O ₃ +SiO ₂	≥97	≥99	
ZrO ₂			13-19
Al ₂ O ₃ +SiO ₂ +ZrO ₂			≥99

The technical data given in the product information are mean values, and are subject to usual manufacturing variations. They are supplied as general technical information, and are subject to change without further notice.