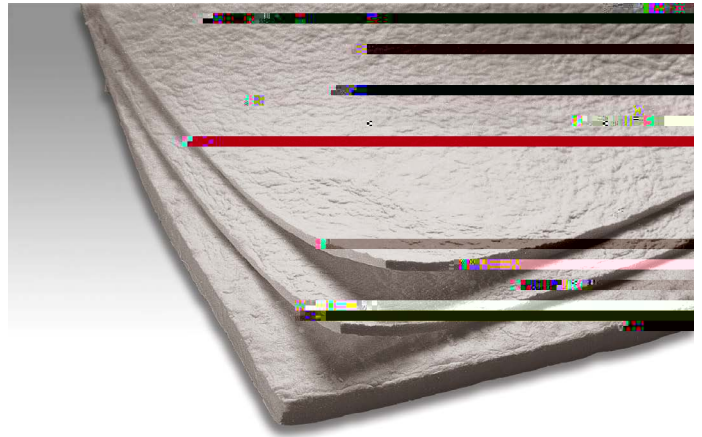


DESCRIPTION

Q-Fiber® Felt is formed from pure silica fibers using a water deposition process. It is clean, flexible, without binder of any kind, and possesses the thermo-physical and chemical stability of pure silica. Q-Fiber Felt is



THERMAL CONDUCTIVITY (Btu • in)/(ft² • hr • °F) (ASTM C-518)

Nominal Density (pcf)	Mean Temp. °F (between hot surface and cold surface)							
	300°F	400°F	500°F	600°F	700°F	800°F	900°F	1000°F
3	0.33	0.39	0.46	0.54	0.63	0.72	0.83	0.96
4	0.32	0.37	0.43	0.5	0.57	0.65	0.74	0.84
6	0.31	0.36	0.41	0.46	0.52	0.58	0.65	0.72

THERMAL CONDUCTIVITY (Watt/Meter • °C) (ASTM C-518)

Nominal Density (kg/m ³)	Mean Temp. °C (between hot surface and cold surface)					
	149°C	204°C	260°C	316°C	371°C	427°C
48	0.05	0.06	0.07	0.08	0.09	0.10
64	0.05	0.05	0.06	0.07	0.08	0.09
96	0.05	0.05	0.06	0.07	0.07	0.08

SHRINKAGE*

Temperature		Direction of Shrinkage (%)		
°F	°C	Length	Width	Thickness
1000	538	0.7	0.8	0.9
1200	649	1.4	1.5	1.0
1400	760	1.8	2.2	1.8
1600	871	2.0	2.2	2.0
1800	982	2.6	4.0	9.0
2000	1093	6.2	17.0	40.0

* When felled to 6.0 pcf (96 kg/m³) nominal density



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Technical specifications as shown in this literature are intended to be used as general guidelines only. Please refer to the Safety Data Sheet and product label prior to using this product. The phy-3.922 -25.87i608 805 s M7eertily this pyp805 , aCO age valuly this subjebelingnorm5 smanufacare this ntensubjebelingchange wi. this devel7eed e a this maureials uto usacarecifitencondi as s.()JJ0 -1.250 03 -1-28.7