



Felts HT

Superwool HT Felt

Cerafelt

Classification Temperature, °C	1300	1320
Colour	yellow	yellow
Density, kg/m ³	64-96-128-160-192-288	64-96-128-160-192-288-384
Ignition Loss, %	4-12	4-12

Permanent Linear Shrinkage after 24 hours (EN 1094-1), %

1200°C	<2	-
1260°C	-	2,5
1320°C	-	3,0

Thermal Conductivity (ASTM C-201), W/m.K

	64 kg/m ³	128 kg/m ³	192 kg/m ³	288 kg/m ³	64 kg/m ³	96 kg/m ³	128 kg/m ³	160 kg/m ³	192 kg/m ³	288 kg/m ³	384 kg/m ³
300°C	0,07	0,07	0,06	0,05	0,10	0,08	0,08	0,07	0,07	0,07	0,06
500°C	0,16	0,12	0,09	0,08	0,17	0,14	0,12	0,11	0,11	0,10	0,10
700°C	0,28	0,20	0,14	0,11	0,27	0,21	0,18	0,16	0,15	0,13	0,13
900°C	0,45	0,32	0,21	0,16	0,41	0,31	0,25	0,22	0,20	0,17	0,15
1000°C	0,55	0,38	0,25	0,19	0,59	0,42	0,34	0,29	0,25	0,21	0,18
1100°C	0,66	0,45	0,30	0,22	-	-	-	-	-	-	-

Specific Heat Capacity, kJ/kg.K	1,22 (1090°C)	1,13 (540°C)
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Chemical Composition, %

SiO ₂	70-80	50
Al ₂ O ₃	-	35
CaO+MgO	18-25	0,05
ZrO ₂	-	15
Others	<3	0,10

Standard Sizes, mm	1220x1070	1220x1070
Available Thicknesses, mm	6-10-13-19-25	6-10-13-19-25

Manufacturer

Morgan Thermal Ceramics

*Superwool HT Felt, manufactured from high temperature Superwool biosoluble fibres, is an insulating felt obtained by hot pressing.
Exonerated from any carcinogenic classification under nota Q of directive 97/69 EC.
Classification Temperature: 1300°C*

*Cerafelt is an insulating refractory felt obtained by hot pressing.
Classification Temperature: 1320°C*

Felts optimize the manufacture of complex die-cut shapes to close tolerances.