

TYPICAL PROPERTY SHEET

ManniGlas® Family

THERMAL INSULATION PAPERS

1200, 1900, 1902, 2000

Advances Services of Nonwoven Paper for Outstanding Thermal Insulation

ManniGlas advanced family of nonwoven glass fiber materials provide superior quality to bring out the best in your application design and high temperature application. Manufactured in an ISO-9001 facility, these E (electrical) grade, dimensionally-stable glass fibers are tough and rigid enough for die-cutting applications yet flexible for conformability. In addition to reducing heat loss and air leakage they also:

- Can withstand continuous operating temperatures up to 1100°F (593°C), excursion 1200°F (649°)
- Meets UL 94V-0 (excludes certain specialty grades)
- Provides superior thermal protection in confined spaces
- Offers consistently uniform surface
- Excellent compression resistance
- Contain of non formaldehyde-based binders
- Available in multiple grades, thicknesses and colors
- ISO-9001:2015 certified
- ROHS Compliant
- REACH Compliant*

*This product is an article and not subject to registration

ManniGlas®
THERMAL INSULATION PAPERS



To meet your thermal requirements, trust ManniGlas family of non-woven papers.

TYPICAL PROPERTY SHEET

ManniGlas® Family

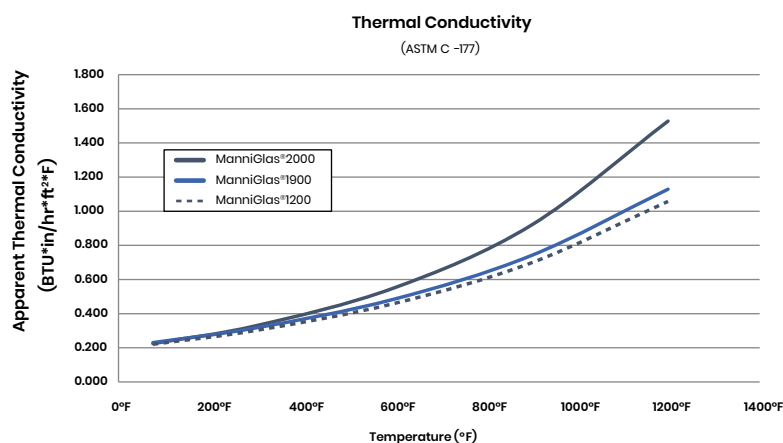
THERMAL INSULATION PAPERS

ManniGlas®
THERMAL INSULATION PAPERS

1200, 1900, 1902, 2000

Material Property	1200	1900	1902	2000
Basis Weight, lb/2880ft ² (g/m ²)	254 (431)	219 (371)	219 (371)	212 (359)
Density - Post Compression, lb/ft ³ (g/cc)	8.5 (0.14)	7 (0.12)	7 (0.12)	6.9 (0.11)
LOI, %	6	6	6	6
Machine Direction Tensile, lb/in (kg/25mm)	63 (28)	40 (18)	40 (18)	48 (21)
Cross Direction Tensile, lb/in (kg/25mm)	58 (26)	30 (13)	30 (13)	36 (16)
Color	White	White	Black	White

*Note: Results shown are for 0.125" thick standard product (measured @ 0.5 psi)



Testing/Engineering Services

- Thermal imaging for performance validation
- Thermal conductivity for material characterization
- Thermal modeling for engineering solutions

Product Availability

Standard Roll Width, in (mm)	51 (1295)
Custom Roll Width Range, in (mm)	2 (51) - 104 (2642)
Standard Core Diameter-- ID, in (mm)	3 (76)
Standard Roll Diameter-- ID, in (mm)	40 (1016)
Thickness Range, in (mm)	0.015 (0.38) - 0.375 (9.53)
Colors	White, Black
Palletizing	Available upon request
Packaging	Stretch-Wrapped

Note: All product data is nominal and does not represent a specification.

All data and statements concerning these products may be considered as being indicative of representative properties and characteristics obtainable. We make no warranty, expressed or implied, concerning actual use or results because of industry specific influences.

Form A-5239
Effective 05/23
2023 Alkegen
All Rights Reserved

Alkegen

Corporate Headquarters
5215 N. O'Connor Blvd, Suite 2300
Irving, TX 75039
Telephone: 716-768-6500
Internet: www.Alkegen.com
Email: Info@Alkegen.com

ALKEGEN