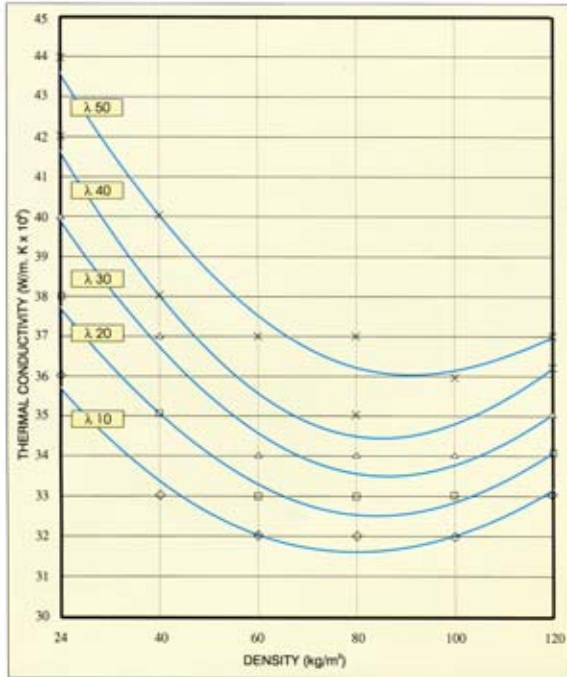


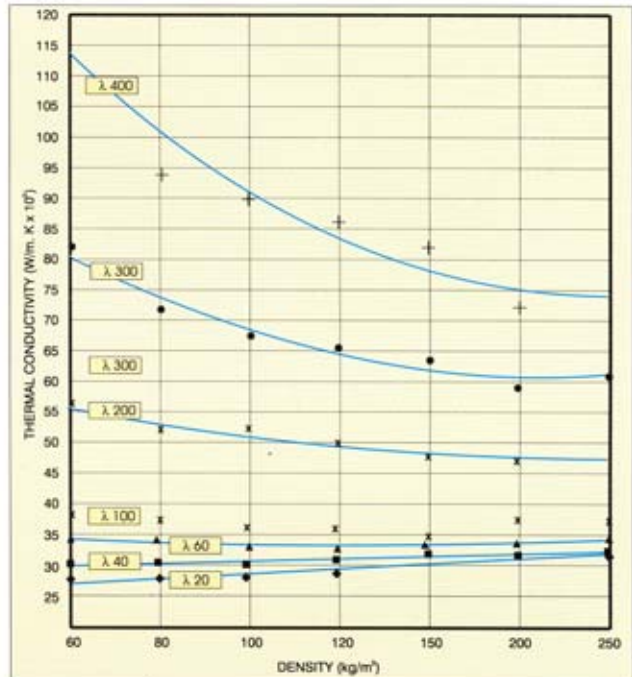
The thermal conductivity is the most important property of an insulation material, because it is a measure of the heat transfer. M.G. Products have an extremely high thermal performance due to the our technology in production process, which gives them already a low thermal conductivity at low densities.

**THERMAL CONDUCTIVITY OF MATERIALS AS THE FUNCTION OF DENSITY**

THERMAL CONDUCTIVITY OF MATERIALS AS THE FUNCTION OF DENSITY



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**TYPICAL FIGURES THERMAL CONDUCTIVITY OF M.G. PRODUCTS**

DENSITY (kg/m <sup>3</sup> )	THERMAL CONDUCTIVITY									
	10 °C	20 °C	30 °C	40 °C	50 °C	60 °C	100 °C	200 °C	300 °C	400 °C
24	0.036 (0.031)	0.038 (0.033)	0.040 (0.035)	0.042 (0.037)	0.044 (0.038)	0.048 (0.041)	0.057 (0.050)			
40	0.033 (0.029)	0.035 (0.030)	0.037 (0.032)	0.038 (0.033)	0.040 (0.035)	0.041 (0.036)	0.048 (0.042)			
60	0.032 (0.029)	0.033 (0.029)	0.034 (0.030)	0.035 (0.030)	0.037 (0.032)	0.039 (0.034)	0.043 (0.037)	0.061 (0.052)	0.087 (0.075)	0.123 (0.106)
80	0.032 (0.029)	0.033 (0.029)	0.034 (0.030)	0.035 (0.030)	0.037 (0.032)	0.039 (0.034)	0.042 (0.036)	0.057 (0.049)	0.077 (0.066)	0.099 (0.085)
100	0.032 (0.029)	0.033 (0.029)	0.034 (0.030)	0.035 (0.030)	0.036 (0.031)	0.038 (0.033)	0.041 (0.035)	0.057 (0.049)	0.073 (0.063)	0.095 (0.082)
120	0.033 (0.029)	0.034 (0.030)	0.035 (0.030)	0.036 (0.031)	0.037 (0.032)	0.038 (0.033)	0.041 (0.035)	0.055 (0.047)	0.071 (0.061)	0.092 (0.079)
150	0.036 (0.031)	0.037 (0.032)	0.037 (0.032)	0.037 (0.032)	0.038 (0.033)	0.039 (0.034)	0.040 (0.034)	0.053 (0.046)	0.069 (0.059)	0.088 (0.076)
200	0.036 (0.031)	0.037 (0.032)	0.037 (0.032)	0.037 (0.032)	0.038 (0.033)	0.039 (0.034)	0.043 (0.037)	0.052 (0.045)	0.064 (0.055)	0.078 (0.067)
250	0.036 (0.031)	0.037 (0.032)	0.038 (0.033)	0.038 (0.033)	0.039 (0.034)	0.040 (0.034)	0.043 (0.037)	0.054 (0.046)	0.067 (0.058)	0.080 (0.069)

Unit : W/m.K (kcal/m.h. °C)