

Table of Thermal conductivity

www.vaxasoft.com

Substance	λ W/(m·K)
Air	0.025
Aluminium	237
Asbestos	0.04
Brass	81 - 116
Brick	0.80
Bronze	116 - 186
Cement, Portland	0.29
Concrete	1.7
Copper	401
Cork	0.03 - 0.04
Diamond	900 - 2300
Ethanol	0.16
Fiberglass	0.03 - 0.07
Glass	0.6 - 1.1
Glycerol	0.29
Gold	318
Helium (superfluid)	infinite
Ice	2
Iron	80.2

Substance	λ W/(m·K)
Lead	35.0
Lithium	301.2
Mercury	83.7
Mica	0.35
Nickel	52.3
Nickel-silver (german silver)	29.1
Paraffin	0.21
Polypropylene	0.12
Refractory brick	0.47 - 1.05
Rubber	0.16
Sandstone	2.4
Silver	429
Stainless steel	12 - 45
Steel	47 - 58
Tin	64.0
Water	0.58
Wet soil	0.8
Wood	0.04 - 0.4
Zinc	106 - 140

www.vaxasoft.com