

Class	Thickness (mm)		5	10	15	20	25	30	35	40	45	50	75	100	110	125	150	175	200
	Temperature-average between inside and outside surfaces	Thermal Conductivity k (W/mK)	R-Value																
SL	15°C	0.0394	0.127	0.254	0.381	0.508	0.635	0.761	0.888	1.015	1.142	1.269	1.904	2.538	2.792	3.173	3.807	4.442	5.076
SL	20°C	0.0402	0.124	0.249	0.373	0.498	0.622	0.746	0.871	0.995	1.119	1.244	1.866	2.488	2.736	3.109	3.731	4.353	4.975
SL	22°C	0.0405	0.123	0.247	0.370	0.494	0.617	0.741	0.864	0.988	1.111	1.235	1.852	2.469	2.716	3.086	3.704	4.321	4.938
SL	23°C	0.0407	0.123	0.246	0.369	0.491	0.614	0.737	0.860	0.983	1.106	1.229	1.843	2.457	2.703	3.071	3.686	4.300	4.914
SL	25°C	0.041	0.122	0.244	0.366	0.488	0.610	0.732	0.854	0.976	1.098	1.220	1.829	2.439	2.683	3.049	3.659	4.268	4.878
SL	30°C	0.0418	0.120	0.239	0.359	0.478	0.598	0.718	0.837	0.957	1.077	1.196	1.794	2.392	2.632	2.990	3.589	4.187	4.785
S	15°C	0.0382	0.131	0.262	0.393	0.524	0.654	0.785	0.916	1.047	1.178	1.309	1.963	2.618	2.880	3.272	3.927	4.581	5.236
S	20°C	0.039	0.128	0.256	0.385	0.513	0.641	0.769	0.897	1.026	1.154	1.282	1.923	2.564	2.821	3.205	3.846	4.487	5.128
S	22°C	0.0393	0.127	0.254	0.382	0.509	0.636	0.763	0.891	1.018	1.145	1.272	1.908	2.545	2.799	3.181	3.817	4.453	5.089
S	23°C	0.394	0.013	0.025	0.038	0.051	0.063	0.076	0.089	0.102	0.114	0.127	0.190	0.254	0.279	0.317	0.381	0.444	0.508
S	25°C	0.0397	0.126	0.252	0.378	0.504	0.630	0.756	0.882	1.008	1.134	1.259	1.889	2.519	2.771	3.149	3.778	4.408	5.038
S	30°C	0.0405	0.123	0.247	0.370	0.494	0.617	0.741	0.864	0.988	1.111	1.235	1.852	2.469	2.716	3.086	3.704	4.321	4.938
M	15°C	0.0369	0.136	0.271	0.407	0.542	0.678	0.813	0.949	1.084	1.220	1.355	2.033	2.710	2.981	3.388	4.065	4.743	5.420
M	20°C	0.0376	0.133	0.266	0.399	0.532	0.665	0.798	0.931	1.064	1.197	1.330	1.995	2.660	2.926	3.324	3.989	4.654	5.319
M	22°C	0.0379	0.132	0.264	0.396	0.528	0.660	0.792	0.923	1.055	1.187	1.319	1.979	2.639	2.902	3.298	3.958	4.617	5.277
M	23°C	0.038	0.132	0.263	0.395	0.526	0.658	0.789	0.921	1.053	1.184	1.316	1.974	2.632	2.895	3.289	3.947	4.605	5.263
M	25°C	0.0383	0.131	0.261	0.392	0.522	0.653	0.783	0.914	1.044	1.175	1.305	1.958	2.611	2.872	3.264	3.916	4.569	5.222
M	30°C	0.039	0.128	0.256	0.385	0.513	0.641	0.769	0.897	1.026	1.154	1.282	1.923	2.564	2.821	3.205	3.846	4.487	5.128
H	15°C	0.0356	0.140	0.281	0.421	0.562	0.702	0.843	0.983	1.124	1.264	1.404	2.107	2.809	3.090	3.511	4.213	4.916	5.618
H	20°C	0.0362	0.138	0.276	0.414	0.552	0.691	0.829	0.967	1.105	1.243	1.381	2.072	2.762	3.039	3.453	4.144	4.834	5.525
H	22°C	0.0364	0.137	0.275	0.412	0.549	0.687	0.824	0.962	1.099	1.236	1.374	2.060	2.747	3.022	3.434	4.121	4.808	5.495
H	23°C	0.0366	0.137	0.273	0.410	0.546	0.683	0.820	0.956	1.093	1.230	1.366	2.049	2.732	3.005	3.415	4.098	4.781	5.464
H	25°C	0.0368	0.136	0.272	0.408	0.543	0.679	0.815	0.951	1.087	1.223	1.359	2.038	2.717	2.989	3.397	4.076	4.755	5.435
H	30°C	0.0374	0.134	0.267	0.401	0.535	0.668	0.802	0.936	1.070	1.203	1.337	2.005	2.674	2.941	3.342	4.011	4.679	5.348
VH	15°C	0.034	0.147	0.294	0.441	0.588	0.735	0.882	1.029	1.176	1.324	1.471	2.206	2.941	3.235	3.676	4.412	5.147	5.882
VH	20°C	0.0346	0.145	0.289	0.434	0.578	0.723	0.867	1.012	1.156	1.301	1.445	2.168	2.890	3.179	3.613	4.335	5.058	5.780
VH	22°C	0.0348	0.144	0.287	0.431	0.575	0.718	0.862	1.006	1.149	1.293	1.437	2.155	2.874	3.161	3.592	4.310	5.029	5.747
VH	23°C	0.035	0.143	0.286	0.429	0.571	0.714	0.857	1.000	1.143	1.286	1.429	2.143	2.857	3.143	3.571	4.286	5.000	5.714
VH	25°C	0.0352	0.142	0.284	0.426	0.568	0.710	0.852	0.994	1.136	1.278	1.420	2.131	2.841	3.125	3.551	4.261	4.972	5.682
VH	30°C	0.0358	0.140	0.279	0.419	0.559	0.698	0.838	0.978	1.117	1.257	1.397	2.095	2.793	3.073	3.492	4.190	4.888	5.587