

AEROFLEX®



Closed Cell Pipe Insulation

Calculated R Values



SUPERIOR E.P.D.M.

Made from E.P.D.M. (Ethylene Propylene Diene Monomer) offering superior quality insulation that won't react with copper or stainless steel piping.



0003 FIRE RATING

Aeroflex is rated to 0003 in accordance with Australian Standard AS1530.3-1999. To be read in conjunction with the Building Code of Australia.



APPLICATIONS

Ideal for domestic & commercial insulation applications including HVAC, refrigeration & plumbing. Aeroflex provides outstanding ultraviolet & weather resistance.

R VALUES

Aeroflex R Values provided are calculated in accordance with AS/NZS 4859.1:2018. Airefrig provides values for conditions at 23°C for Aus & 15°C for NZ.

THE RANGE

Complimented by a full range of Aeroflex products including: HT pipe insulation, sheet insulation, adhesives, tapes, FX blocks, and stands.

AIREFRIG
AUSTRALIA



1800 671 500



www.airefrig.com.au



Aeroflex Insulation - Calculated R Values

AS/NZS 4859.1:2018 Method Used

Thermal Conductivity 0.0367 W/m.K at 23°C



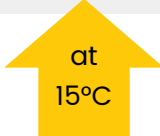
		Insulation Nominal Wall Thickness (mm)							
		6mm	9mm	13mm	19mm	25mm	32mm	38mm	50mm
Insulation Nominal Pipe Diameter (mm)	6mm	0.27	0.45	0.73	1.19	1.70	2.34	2.92	4.14
	10mm	0.24	0.39	0.63	1.03	1.46	2.02	2.52	3.59
	13mm	0.22	0.37	0.58	0.95	1.35	1.86	2.33	3.33
	16mm	0.21	0.35	0.55	0.89	1.27	1.75	2.19	3.13
	19mm	0.21	0.34	0.53	0.85	1.21	1.67	2.08	2.97
	22mm	0.20	0.33	0.51	0.82	1.16	1.60	1.99	2.85
	25mm	0.20	0.32	0.50	0.79	1.12	1.54	1.92	2.74
	28mm	0.19	0.31	0.48	0.77	1.09	1.49	1.86	2.65
	32mm	0.19	0.30	0.47	0.75	1.05	1.44	1.79	2.55
	35mm	0.19	0.30	0.46	0.73	1.03	1.40	1.74	2.48
	38mm	0.19	0.30	0.45	0.72	1.01	1.37	1.71	2.42
	42mm	0.18	0.29	0.45	0.70	0.98	1.34	1.66	2.35
	45mm	0.18	0.29	0.44	0.69	0.97	1.31	1.63	2.31
	48mm	0.18	0.29	0.44	0.68	0.95	1.29	1.60	2.27
	51mm	0.18	0.28	0.43	0.67	0.94	1.27	1.58	2.23
	54mm	0.18	0.28	0.43	0.67	0.93	1.26	1.55	2.20
	60mm	0.18	0.28	0.42	0.65	0.91	1.23	1.52	2.14
	64mm	0.18	0.28	0.42	0.65	0.90	1.21	1.49	2.10
	67mm	0.18	0.28	0.42	0.64	0.89	1.20	1.48	2.08
	73mm	0.18	0.27	0.41	0.63	0.87	1.17	1.45	2.03
	76mm	0.18	0.27	0.41	0.63	0.87	1.16	1.43	2.01
	80mm	0.18	0.27	0.41	0.62	0.86	1.15	1.42	1.99
	83mm	0.17	0.27	0.40	0.62	0.85	1.14	1.41	1.97
	90mm	0.17	0.27	0.40	0.61	0.84	1.13	1.38	1.93
92mm	0.17	0.27	0.40	0.61	0.84	1.12	1.38	1.92	
98mm	0.17	0.27	0.40	0.61	0.83	1.11	1.36	1.90	
102mm	0.17	0.27	0.40	0.60	0.83	1.10	1.35	1.88	
105mm	0.17	0.26	0.39	0.60	0.82	1.10	1.34	1.87	
115mm	0.17	0.26	0.39	0.59	0.81	1.08	1.32	1.83	
127mm	0.17	0.26	0.39	0.59	0.80	1.06	1.30	1.79	
130mm	0.17	0.26	0.39	0.59	0.80	1.06	1.29	1.79	
140mm	0.17	0.26	0.38	0.58	0.79	1.05	1.28	1.76	
Flat Sheet		6mm	9mm	13mm	19mm	25mm	32mm	38mm	50mm
		0.16	0.25	0.35	0.52	0.68	0.87	1.03	1.36



Aeroflex Insulation - Calculated R Values

AS/NZS 4859.1:2018 Method Used

Thermal Conductivity 0.0356 W/m.K at 15°C



		Insulation Nominal Wall Thickness (mm)							
		6mm	9mm	13mm	19mm	25mm	32mm	38mm	50mm
Insulation Nominal Pipe Diameter (mm)	6mm	0.28	0.47	0.75	1.23	1.76	2.41	3.01	4.27
	10mm	0.24	0.40	0.65	1.06	1.51	2.08	2.60	3.70
	13mm	0.23	0.38	0.60	0.98	1.40	1.92	2.40	3.43
	16mm	0.22	0.36	0.57	0.92	1.31	1.81	2.26	3.23
	19mm	0.21	0.35	0.54	0.88	1.25	1.72	2.15	3.06
	22mm	0.21	0.34	0.53	0.85	1.20	1.65	2.06	2.93
	25mm	0.20	0.33	0.51	0.82	1.16	1.59	1.98	2.82
	28mm	0.20	0.32	0.50	0.79	1.12	1.54	1.92	2.73
	32mm	0.20	0.31	0.48	0.77	1.08	1.48	1.84	2.63
	35mm	0.19	0.31	0.48	0.75	1.06	1.44	1.80	2.56
	38mm	0.19	0.30	0.47	0.74	1.04	1.41	1.76	2.50
	42mm	0.19	0.30	0.46	0.72	1.01	1.38	1.71	2.43
	45mm	0.19	0.30	0.45	0.71	1.00	1.35	1.68	2.38
	48mm	0.19	0.30	0.45	0.70	0.98	1.33	1.65	2.34
	51mm	0.19	0.29	0.45	0.70	0.97	1.31	1.63	2.30
	54mm	0.19	0.29	0.44	0.69	0.96	1.29	1.60	2.27
	60mm	0.18	0.29	0.43	0.67	0.94	1.26	1.56	2.20
	64mm	0.18	0.29	0.43	0.67	0.92	1.25	1.54	2.17
	67mm	0.18	0.28	0.43	0.66	0.92	1.23	1.52	2.14
	73mm	0.18	0.28	0.42	0.65	0.90	1.21	1.49	2.10
	76mm	0.18	0.28	0.42	0.65	0.89	1.20	1.48	2.07
	80mm	0.18	0.28	0.42	0.64	0.89	1.19	1.46	2.05
	83mm	0.18	0.28	0.42	0.64	0.88	1.18	1.45	2.03
	90mm	0.18	0.28	0.41	0.63	0.87	1.16	1.43	1.99
92mm	0.18	0.28	0.41	0.63	0.87	1.16	1.42	1.98	
98mm	0.18	0.27	0.41	0.63	0.86	1.14	1.40	1.95	
102mm	0.18	0.27	0.41	0.62	0.85	1.13	1.39	1.94	
105mm	0.18	0.27	0.41	0.62	0.85	1.13	1.38	1.93	
115mm	0.18	0.27	0.40	0.61	0.84	1.11	1.36	1.89	
127mm	0.18	0.27	0.40	0.61	0.82	1.09	1.34	1.85	
130mm	0.18	0.27	0.40	0.60	0.82	1.09	1.33	1.84	
140mm	0.18	0.27	0.40	0.60	0.81	1.08	1.31	1.82	
Flat Sheet		6mm	9mm	13mm	19mm	25mm	32mm	38mm	50mm
		0.16	0.25	0.35	0.52	0.68	0.87	1.03	1.36