



DEMILEC (USA)[®] Spray Foam Thermal Values



Thermal Resistance = 3.81°F·ft²·hr/BTU per inch = 0.2642 m²·K/W per cm
 Lamda, λ = 0.0355W/m·K

U-value	=	R-value	→	Thickness (cm)
0.13	=	7.69	→	29.12
0.15	=	6.67	→	25.24
0.18	=	5.56	→	21.03
0.20	=	5.00	→	18.93

Thickness (cm)	=	R-value	→	U-value
10	=	3.09	→	0.38
13	=	4.01	→	0.29
15	=	4.63	→	0.25
18	=	5.55	→	0.21
20	=	6.17	→	0.19
25	=	7.71	→	0.15



Thermal Resistance = 4.45°F·ft²·hr/BTU per inch = 0.3085 m²·K/W per cm
 Lamda, λ = 0.032W/m·K

U-value	=	R-value	→	Thickness (cm)
0.13	=	7.69	→	24.93
0.15	=	6.67	→	21.61
0.18	=	5.56	→	18.01
0.20	=	5.00	→	16.21

Thickness (cm)	=	R-value	→	U-value
10	=	3.09	→	0.32
13	=	4.01	→	0.25
15	=	4.63	→	0.22
18	=	5.55	→	0.18
20	=	6.17	→	0.16
25	=	7.71	→	0.13



Thermal Resistance = 6.6°F·ft²·hr/BTU per inch = 0.4576 m²·K/W per cm
 Lamda, λ = 0.022W/m·K

U-value	=	R-value	→	Thickness (cm)
0.13	=	7.69	→	16.81
0.15	=	6.67	→	14.57
0.18	=	5.56	→	12.14
0.20	=	5.00	→	10.93

Thickness (cm)	=	R-value	→	U-value
10	=	4.58	→	0.22
13	=	5.95	→	0.17
15	=	6.86	→	0.15
18	=	8.24	→	0.12
20	=	9.15	→	0.11

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