

Removable Blanket Insulation

Product Specification

MSCP’s removable blanket insulation is a soft insulation composed of 100% select grade Type “E” glass fibers needled together into a MAT form. MSCP’s removable blanket insulation is non-respirable, incombustible, asbestos free, and resinous/inorganic binders free. The insulation is made to conform to Mil-I-16411, USCG Subpart 164.009, ASTM C1086 & ASTM E84. Long textile fibers are used instead of binders to maximize thermal efficiency with high insulation and strong physical properties. MSCP’s blanket type Insulation reduces labor costs during removal for inspections, service and reinsulating while providing a wide range of applications.

Technical information

Data

■ Certifications	Mil-I-16411
	USCG Subpart 164.009
	ASTM C1086
	ASTM E84
■ Melting Point	1523°F (828°C)
■ Maximum Continuous Temp.	1200°F (649°C)
■ Minimum Temp.	-80°F (-62°C)
■ Thickness	0.25" 2.0"
	0.5" 2.5"
	1.0" 3.0"
	1.5"
■ Roll Length	Various Available
■ Density	6-7 lbs./Cu. Ft.
	9-11 lbs./Cu. Ft.

Insulation “K” Factor

Temperature	6-7 lbs./Cu. Ft.	9-11 lbs./Cu. Ft.
300°F (149°C)	0.292	0.350
500°F (260°C)	0.350	0.480
700°F (371°C)	0.445	0.640

Insulation “R” Factor

Temp./Density	Density	1/4"	1/2"	1.0"	1.5"	2.0"	2.5"	3.0"
300°F (149°C)	6-7	0.856	1.712	3.424	5.137	6.849	8.562	10.27
	9-11	0.714	1.429	2.857	4.286	5.714	7.143	8.571
500°F (260°C)	6-7	0.714	1.429	2.857	4.286	5.714	7.143	8.571
	9-11	0.520	1.042	2.083	3.125	4.167	5.208	6.250
700°F (371°C)	6-7	0.560	1.123	2.247	3.371	4.494	5.618	6.742
	9-11	0.390	0.781	1.563	2.343	3.125	3.906	4.688

Note :

The insulation “K” factors are in units of BTU*in/(hr*ft²*°F)

The insulation “R” factors are in units of hr*ft²*°F /BTU



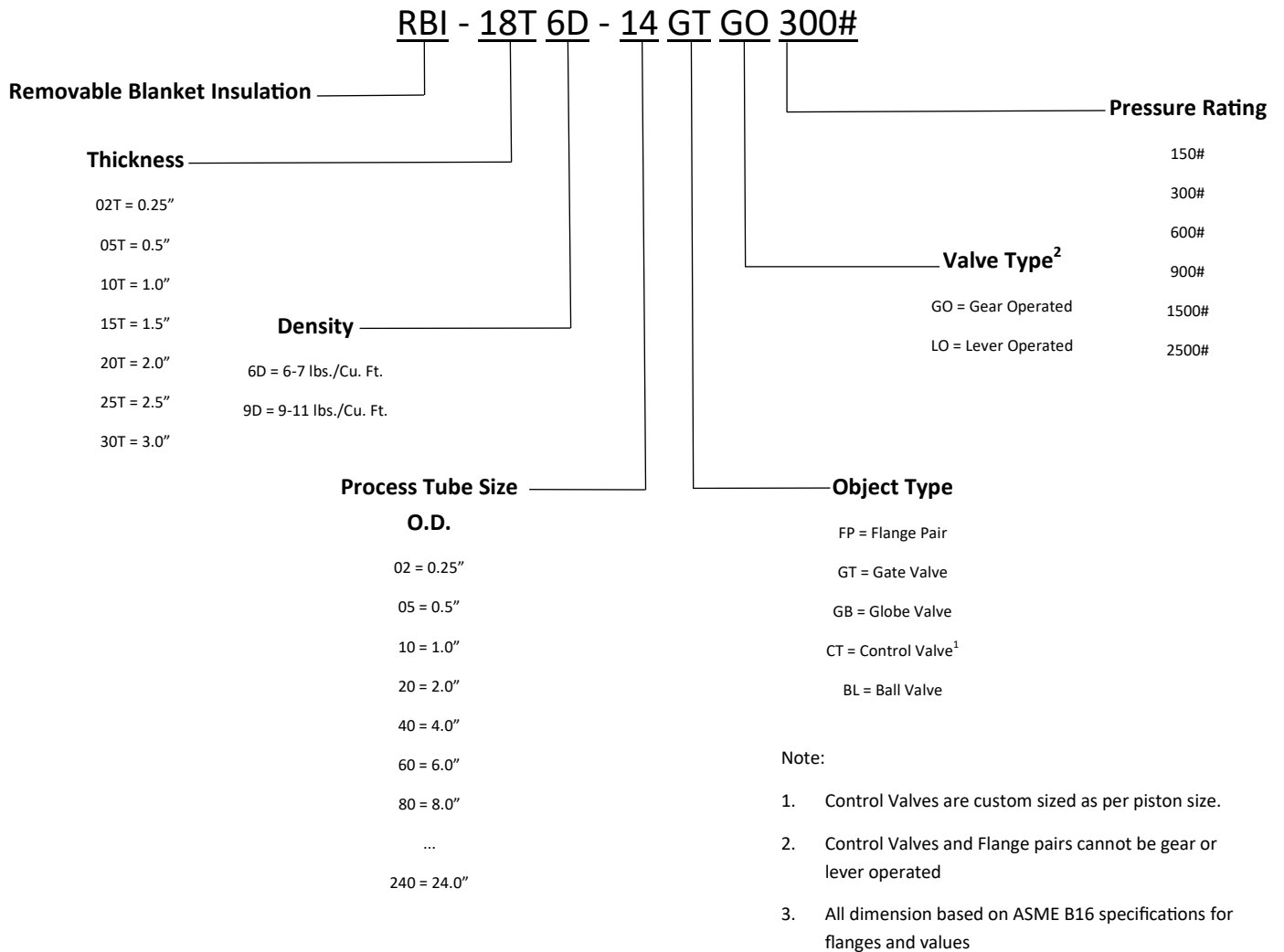
HEADQUARTERS:

322 Kaska Rd | Sherwood Park, AB

(587) 597-6727

Removable Blanket Reference Key

MSCP's removable insulation blanket comes in a variety of configurations. The following chart outlines the properties that comprise a blanket configuration and the corresponding catalog number.



This information is given in good faith. Use proper personal protective equipment with using item. Intended for use by skilled persons in the art of fabrication and applying removable/reusable insulation or like products. MSCP recommends testing before use.



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