



## Heavy Density HCFC Free Rigid Phenolic Insulation

<b>DENSITY*</b>	ASTM D 1622	lb/ft <sup>3</sup>	3.75	5.0	7.5	10
<b>COLOR</b>			cream	pink	white	white
<b>K FACTOR*</b>	ASTM C 518	Btu-in./ft <sup>2</sup> ·°F	0.19	0.21	0.23	0.26
<b>TEMPERATURE LIMIT</b>		°F	-290 °F to + 250 °F	-290 °F to + 250 °F	-290 °F to + 250 °F	-290 °F to + 250 °F
<b>COMPRESSIVE STRENGTH</b>	ASTM D 1621	psi				
- Parallel to rise*			58	90	150	290
- Perpendicular to rise*			43	70	110	210
<b>TENSILE STRENGTH</b>	ASTM D 1623	psi				
- Parallel to rise*			54	85	130	160
- Perpendicular to rise*			41	65	100	130
<b>CLOSED CELL CONTENT</b>	ASTM D 2856	%	>92	>92	>92	>92
<b>WATER ABSORPTION</b>	ASTM C 209	% by volume	.5%	.5%	.5%	.5%
<b>FIRE TEST CLASSIFICATIONS</b>	ASTM E 84 25/50 flame and smoke - up to 3 inches thick Meets the requirements of ULC Canada S102 & S127 tests					

\*all properties can vary by +/- 5%

### OTHER DENSITIES ARE AVAILABLE ON REQUEST PLEASE CONTACT OUR TECHNICAL DEPARTMENT

Insul-phen meets the requirements of ASTM C1126 Type 11 and 111 grade 1 standard specification for faced or unfaced rigid cellular phenolic thermal insulation.

### Other information

This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of Resolco Inc. The data on this sheet related only to the specific material designated herein. Resolco Inc. assumes no legal responsibility for use or reliance upon this data. For information regarding specific applications of the product please contact Resolco Inc.

(July 2010)

