



100% WATERPROOF & OIL-PROOF
For Extreme Operating Environments

MITIGATES CUI
No Corrosion Under Insulation

THERMAL STABILITY
Energy, Process & Cost Efficiency

FAST & EASY INSTALLATION
Using Standard Tools & Personnel

BUILT-IN PEST CONTROL
100% Encapsulated & Impenetrable

DURABLE & REUSABLE
20+ Year Lifespan

DURABLE, REUSABLE DRAGON JACKET INSULATION PRODUCTS

Engineered to Protect Process Piping in Demanding Operational Conditions

The chemical industry is responsible for the safe production of vitally important ingredients that are the basis of medications, detergents, soaps, cleaners, fertilizers, cosmetics, and more. Chemical production requires precise control of temperatures to insure operating environments are inhospitable to the growth of fungus and bacteria. Thermal insulation in this application needs to be both durable and capable of delivering a reliable static R-value over time.

Condensation = Contamination! Protect the Integrity of Your Product and Process with Dragon Jacket Insulation

The Dragon Jacket Difference

Our insulation delivers 20+ years of reliable R-value with 100% moisture-proof insulation made from closed-cell foam that is fully encapsulated by 100% polyurea. Dragon Jacket insulation is easy to install, easy to remove for inspection/repair, and easy to re-install by anyone on the team....no contractor required.

PROTECTS AND INSULATES PROCESS PIPING AND TANK SYSTEMS RESPONSIBLE FOR:

- Consumer-Grade Chemicals
- Specialty Chemicals
- Caustic Chemicals

Recommended for Incidental Contact: Please refer to the table on the back of this sheet for suggested and unadvised chemicals based on standard or premium coating.

DRAGON JACKET'S STATIC R-VALUE MAINTAINS THE THERMAL STABILITY FOR PROCESSES OPERATING ABOVE AND BELOW AMBIENT TEMPERATURE.

CHOOSE DRAGON JACKET INSULATION TO:

1. Mitigate energy loss, lower energy costs, reduce emissions, and reduce loading on process equipment.
2. Provide freeze protection for piping and stabilize process controls against temperature fluctuations.
3. Minimize safety hazards by reducing fire risk and exposure to hot piping surfaces and uncovered components.

Static R-Value **12.53 Per 2 Inches** | Static K-Factor **0.174 BTU-IN/HR-FT²-F** | Operating Temperature Range **-60° F to +350° F**



5-Year Limited Product Warranty. FDA Approved for Incidental Food Contact. Made in the USA.



DRAGON JACKET
INSULATION

208-772-8640

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ENGINEERED TO PROTECT PROCESS PIPING IN DEMANDING OPERATIONAL CONDITIONS

Dragon Jacket Insulation Chemical Compatibility Chart

<250°F SERVICE TEMPERATURE		
MATERIAL	STANDARD COATING	PREMIUM COATING
Sewage	✓	✓
Methyl Butane	✓	✓
Diesel	✓	✓
Unleaded Gasoline	✓	✓
Hydraulic Oil	✓	✓
Acetone	✓	✓
Brake Fluid	✓	✓
Hexane	✓	✓
Motor Oil	✓	✓
MTBE	✓	✓
Xylene	✗	✓
Toluene	✗	✓
Methanol	✗	✓
10% Salt Water	✓	✓
10% Hydrochloric Acid	✓	✓
5% Hydrochloric Acid	✓	✓
10% Acetic Acid	✓	✓
10% Phosphoric Acid	✓	✓
10% Sulphuric Acid	✓	✓
5% Sulphuric Acid	✓	✓
10% Ammonium Hydroxide	✓	✓
20% Ammonium Hydroxide	✓	✓
De-ionized Water	✓	✓
10% Potassium Hydroxide	✓	✓
10% Sodium Hydroxide	✓	✓
20% Potassium Hydroxide	✓	✓
20% Sodium Hydroxide	✓	✓
50% Sodium Hydroxide	✓	✓
Propylene Carbonate	✗	✓
35% Hydrochloric Acid	✗	✓
60% Sulphuric Acid	✗	✓
93% Sulphuric Acid	✗	✗

Do you have a chemical application not listed here? Contact us for information on our custom solutions.

"The chemical processing industry requires fool-proof operation and tough componentry. The beauty of Dragon Jacket Insulation is it is made for this kind of extreme environment, while also being easy to install, remove and reinspect by on-site personnel." – Todd Peretti, President/CEO, Dragon Jacket Insulation



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