



# DRAGON JACKET INSULATED TANK BASES



**STANDARD FLAT BASES**



**CUSTOMIZABLE SLOPED BASES**

## 100% WATERPROOF

Mitigates Corrosion Under Insulation (CUI)

## OIL & CHEMICAL RESISTANT

Engineered for Demanding Operating Environments

## FAST & EASY INSTALLATION

Installs 10x Faster with Standard Tools

## 20+ YEAR LIFESPAN

100% Encapsulated, Impact Resistant, & Impenetrable

## INDUSTRIAL TANK BASES: MOISTURE-RESISTANT PROTECTION FOR ABOVE GROUND STORAGE

Dragon Jacket Insulation's Industrial Tank Bases are modular bases engineered for use with above ground storage tanks. Made from 4lb foam and fully encapsulated in polyurea, our tank bases are moisture impermeable, chemical resistant, and engineered to neutralize the threat of CUI, thereby increasing the tank's lifespan.

## CHEMICAL RESISTANT COATING

Protected by the ultimate in industrial tank defense, Fluorodyn™ Coating THP-2000 with Viton™, Dragon Jacket's tank bases deliver superior chemical resistance, withstand -20°F to 450°F, and resist 360+ fluids, including acids and hydrocarbons.

### DRAGON JACKET TANK BASES ELIMINATE:

- ✓ Pooling around ring wall foundation.
- ✓ Delamination of tank floor annular plate.
- ✓ Hidden tank floor annular space.

### CHOOSE DRAGON JACKET TANK BASES FOR:

- ✓ Increased operational efficiency
- ✓ Dimensional stability
- ✓ Bases shipped ready for installation



FDA Approved for Incidental Food Contact  
Made in the USA with a 5-Year Limited Warranty



**DRAGON JACKET**  
**INSULATION**

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# DRAGON JACKET INSULATION TECHNICAL DATA SHEET

**CLOSED CELL FOAM | 100% POLYUREA ENCAPSULATION | IMPACT RESISTANT | 20+ YEAR LIFESPAN**

Dragon Jacket Insulation's patented technology provides superior thermal protection and prevents corrosion under insulation (CUI). Built to withstand harsh environments, its impenetrable design delivers 20+ years of reliable performance in the field.

## MATERIAL PROPERTIES – DRAGON JACKET STANDARD AND HIGH-TEMPERATURE INSULATION

PARAMETER	TEST METHOD(S)	STANDARD	HIGH-TEMP	UOM
Minimum Operating Temperature		-60	-40	F
Maximum Operating Temperature		175	350	F
R-Value (per inch)	ASTM C518/ASTM C177/EN 12667	3.5	3.5	Btu/hr-ft <sup>2</sup> -F
Thermal Conductivity	ASTM C518/ASTM C177/EN 12667	0.24	0.16	Btu-in/hr-ft <sup>2</sup> -F
Density	ASTM 1622/EN 1602/EN ISO 845	4	2	lb/ft <sup>3</sup>
Compressive Strength	ASTM 1621/EN 826	72	72	psi
Tensile Strength	ASTM D638	105	105	psi
Water Absorption by Volume	ASTM C272	<0.6	<0.6	%
Surface Burning Characteristic	ASTM E84	<25	<25	FSI
Surface Burning Characteristic	ASTM E84	<450	<450	Smoke Development
Weatherability QUV	3000+ hour test	0 degradation	0 degradation	
Abrasion Resistance	ASTM D4060 (1 kg, 1,000 cycles)	62	62	mg lost

## CHEMICAL RESISTIVITY – DRAGON JACKET STANDARD AND HIGH-TEMPERATURE INSULATION

PARAMETER	STANDARD	HIGH-TEMP
Acetic Acid 10%	Intermittent Contact	Intermittent Contact
Acetic Acid 40%	Not Recommended	Not Recommended
Acetic Acid 50%	Not Recommended	Not Recommended
Hydrochloric Acid 24%	Immersion, Splash, Spillage	Immersion, Splash, Spillage
Phosphoric Acid 50%	Immersion, Splash, Spillage	Immersion, Splash, Spillage
Sulfuric Acid 50%	Not Recommended	Not Recommended
Crude Oil	Intermittent Contact	Intermittent Contact
Diesel	Immersion, Splash, Spillage	Immersion, Splash, Spillage
Ethanol	Not Recommended	Not Recommended
Gasoline	Intermittent Contact	Intermittent Contact
Jet Fuel	Intermittent Contact	Intermittent Contact
Toluene 60%	Immersion, Splash, Spillage	Immersion, Splash, Spillage
Methanol	Not Recommended	Not Recommended
Skydrol	Not Recommended	Not Recommended
Xylene	Intermittent Contact	Intermittent Contact
Mineral Oil	Immersion, Splash, Spillage	Immersion, Splash, Spillage
Sodium Hydroxide 50%	Immersion, Splash, Spillage	Immersion, Splash, Spillage
Water	Immersion, Splash, Spillage	Immersion, Splash, Spillage



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