

## SPECIFICATION SHEET

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### **JOS 5000** **AIR/OIL COALESCING ELEMENTS**

JONELL's absolute rated JOS 5000 elements have the following characteristics:

1. Beta ratios in excess of 1000.
2. Large dirt holding capacity.
3. Robust construction, can withstand 75# differential.
4. Manufactured in our plant in Breckenridge, Texas.

### **APPLICATION**

The JONELL JOS 5000 element is designed to coalesce extremely fine liquid particles from natural gas, primarily lubricating oil downstream of a compressor. The flow pattern is from the inside to the outside.

### **SPECIFICATIONS**

LENGTH, OVERALL.....	36 INCHES
OUTSIDE DIAMETER.....	9.625 INCHES
INSIDE DIAMETER.....	6.187 INCHES
INNER CORE.....	20 GAUGE CARBON STEEL
CENTER CORE.....	20 GAUGE CARBON STEEL
OUTER CORE.....	20 GAUGE CARBON STEEL
END CAPS.....	16 GAUGE CARBON STEEL
GASKETS.....	BUNA
PLEATED MEDIA.....	LAYERS OF HIGH EFFICIENT FIBERGLASS
DRAINAGE LAYER.....	BATTED FIBERGLASS
SEALANT.....	HEAT CURED PLASTISOL
MICRON RATING.....	0.3

### **RECOMMENDED OPERATING LIMITS**

INITIAL DIFFERENTIAL PRESSURE.....	< 0.5 PSI
RECOMMENDED CHANGE-OUT DIFFERENTIAL.....	15 PSI
MAXIMUM ELEMENT OPERATING LIFE, IRRESPECTIVE OF DIFFERENTIAL PRESSURE.....	1 YEAR
MAXIMUM OPERATING TEMPERATURE.....	260EF
MINIMUM OPERATING TEMPERATURE.....	-60EF