

# ANDERSON SEPARATOR

Section: A200  
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## SPECIFICATION SHEET

### AJPMG-436-R SERIES ABSOLUTE RATED VAPOR PHASE ELEMENTS

ANDERSON's absolute rated AJPMG-436-R series coalescer/filter elements have the following characteristics:

1. Beta ratios in excess of 5000.
2. Large dirt holding capacity.
3. Robust construction. Can withstand over 15 PSI differential pressure.
4. Highest quality components.
5. Manufactured in the USA.

### APPLICATION

The ANDERSON AJPMG-436-R series element is designed to coalesce extremely fine liquid particles from natural gas, primarily lubricating oil downstream of a compressor. The flow pattern through the element is from the inside to the outside. The AJPMG-436-R series is designed to be utilized in place of the AJFG-436 series where it is desired to utilize the additional surface area and ultra efficiency for solids storage and the coalescence of liquid mists. This additional surface area also reduces the differential pressure when handling high flowrates. This filter element is designed to fit in the Anderson Coalescing Filter unit (ACF Model) as well as other major manufacturer's units.

### SPECIFICATIONS

LENGTH.....	36 INCHES
OUTSIDE DIAMETER.....	4-1/2 INCHES
INSIDE DIAMETER.....	3.13 INCHES
CENTER CORE.....	CARBON STEEL/ZINC
OUTER CORE.....	CARBON STEEL/ZINC
END CAPS.....	CARBON STEEL/ZINC
GASKETS.....	BUNA N
GASKET ADHESIVE.....	POLYURETHANE
PREFILTER MEDIA.....	PLEATED PAPER
FINAL HIGH EFFICIENCY MEDIA.....	PLEATED MICRO-FIBERGLASS
OUTER SOCK.....	NEEDED POLYESTER
EFFICIENCY.....	0.3 MICRON ABSOLUTE

### RECOMMENDED OPERATING LIMITS

INITIAL DIFFERENTIAL PRESSURE.....	< 0.5 PSI
RECOMMENDED CHANGE-OUT DIFFERENTIAL.....	10 PSI (15 PSI MAX)
MAXIMUM ELEMENT OPERATING LIFE, IRRESPECTIVE OF DIFFERENTIAL PRESSURE.....	1 YEAR
MAXIMUM OPERATING TEMPERATURE.....	300 DEGREES F
MINIMUM OPERATING TEMPERATURE.....	-60 DEGREES F

**NOTE:** SPECIAL METALLIC MATERIALS ARE AVAILABLE UPON REQUEST, WHERE REQUIRED. CONSULT YOUR ANDERSON DISTRIBUTOR FOR PRICE AND AVAILABILITY.