



**COELESKER SERIES**  
LIQUID/GAS COALESCING

**The Cost Effective Approach to Liquid/Gas Separation**

FMT presents the Industrial Liquid/Gas series of coalescer elements. These elements have been engineered and constructed to provide superior high efficiency sub-micron liquid aerosol coalescence, producing effective separation and removal of liquids from gas streams.

This series of coalescers offers proprietary aerosol interception, liquid coalescence, and liquid drainage layers, co-pleated to ensure a sturdy, high surface area, low pressure drop system.

FMT's unique **pleated** micro-fiber media ensures efficient separation of liquid aerosols from gas streams while minimizing fluid retention.

**FEATURES/BENEFITS**

- Separation Efficiencies of 99% & 99.98% for Medium and High Efficiency Process Requirements
- Low Pressure Drop Materials/Construction for more Efficient, Cost Effective Liquid Aerosol Separations
- Customized Configurations Available for New and Existing Vessels & Design Requirements to Exceed Stringent Process Design Specifications

**PROCESS SYSTEMS**

- Amine/Glycol Feed and Discharge Gasses
- Compressor Suction and Discharge Gasses
- Fuel Gas Purification and Concentration
- Protection of Molecular Sieves, Membranes, Alumina Beds, Activated Carbon Beds, Flares, and Gas Flow Metering Systems

**LIQUID AEROSOLS**

- Compressor Lubrication Oils, Amines, Glycols, Water, Solvents, Completion Fluids, Hydrocarbons, and Brine

| Micron Rating | 99.98% Efficiency Code | 99.00% Efficiency Code |
|---------------|------------------------|------------------------|
| 0.1 Micron    | 001                    | 001A                   |
| 0.3 Micron    | 003                    | 003A                   |



**FMT-LGC-40**

**Liquid/Gas Series**

**FMT-LGC-40 Series**

- Dimensions: 4.50" OD x 3.25" ID x 36" long
- Media: Micro Fiberglass, Nylon, or Polyester
- Micron Ratings: 0.1 & 0.3 micron @ 99.0% & 99.98%
- Gaskets: Buna-N, EPDM, Viton®, TEV
- Construction: DOE or SOE, Tinned Steel, Nylon, or 304 SS End Caps; Tinned Steel or 304 SS Internals
- Compatibility: Standard or Amine/H<sub>2</sub>S Compatible

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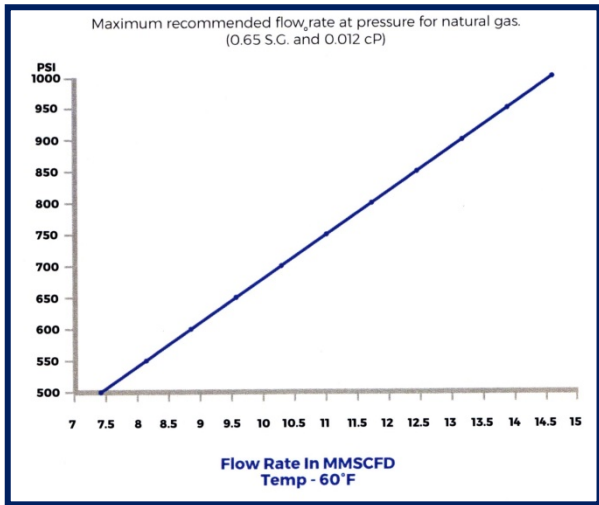
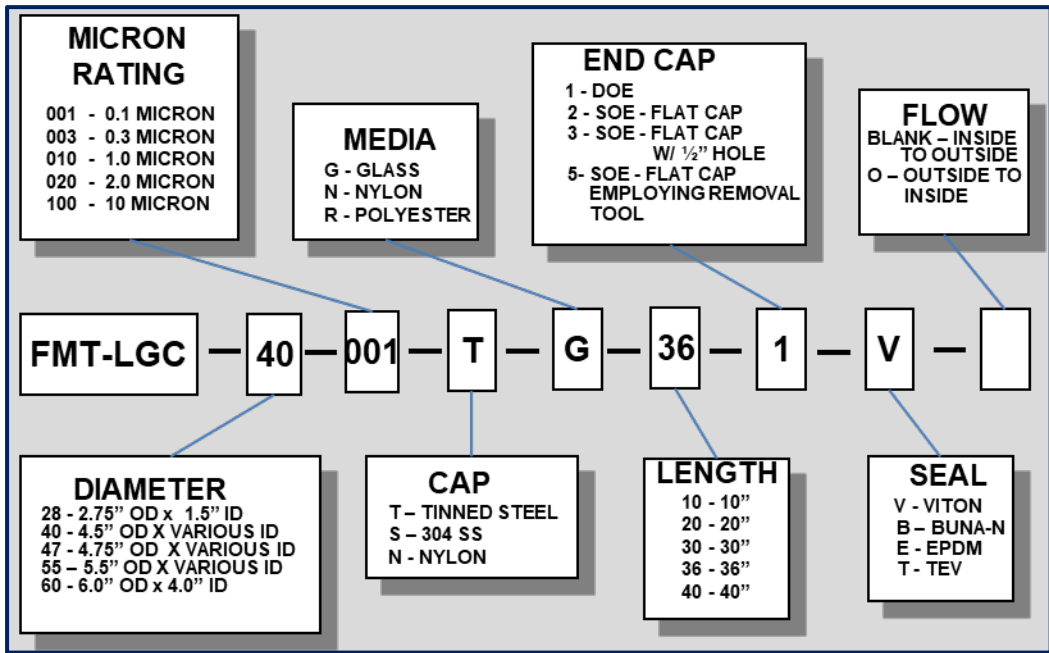
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**L/G COALESCER CODING**



**Maximum Operating Temperature: 200F**

**Clean Pressure Drop , <2 PSI**

**Changeout Pressure Drop, 12 PSI**

**Normal Flow Path: Inside-To-Outside**

**Liquid Loading Up To 0.141 GPM/Element**

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