## Manufacturing Specifications

- **Bubble Point, inch water**: 3.0 - 4.0
- **Minimum Tensile, kpsi**: 3.1
- **Yield Strength, kpsi**: 2.2
- **Young's Modulus, x 10^6 psi**: 1.8

## Permeability Coefficient

- **Liquid, $K_L$**: 0.32
- **Gas, $K_G$**: 3.3

**Liquid: Pressure Drop, psid** =

\[
(K_L)(\text{Flux, gpm/ft}^2)(\text{Visc, cp})(\text{Thck, inch})
\]

**Gas: Pressure Drop, psid** =

\[
(K_G)(\text{Flux, acfm/ft}^2)(\text{Visc, cp})(\text{Thck, inch})
\]

## Particle Removal Efficiency

- **Liquid Efficiency**: Testing per ASTM F795
  - 90% at 25 µm
  - 99% at 35 µm
  - 99.9% at 45 µm

- **Air Efficiency**: Tested at flux of 6 acfm/ft²
  - 90% at 12 µm
  - 99% at 25 µm
  - 99.9% at 45 µm

## Notes:

1. Tests run at 70 °F
2. Tests run with water, other curves generated using Liquid Formula

## Flow Characteristics

- **Liquid Flow, gpm/ft²**
  - Pressure Drop, psid
  - Flow Characteristics on these data sheets are typical and should be used for general reference only.

- **Air Flow, acfm/ft²**
  - Pressure Drop, psid
  - Notes:
    1. Tests run with air at 70 °F
    2. Tests run with upstream pressure exhausting to atmosphere