

Micro star



Description

Micro Star filter is an innovative synthesis of depth and pleated technologies. This product combines the high flow capacity and low pressure loss of pleated filters with the gel retention capability and long life of a depth filter. Micro Star is thermally bonded from 100% virgin polypropylene to ensure clean filtrates and excellent chemical and thermal compatibility in the most stringent of processing conditions.

Specification

Micron Rating: 0.45, 1,3, 5, 10, 20,30,40µm

Materials of Construction:

Filter Medium: Polypropylene

Core, cage and endcaps: Polypropylene

Support and drainage: Polypropylene

Outer Diameter: 69mm(2.7inches)

Inner Dimension: 28mm(1.1inches)

Length: 10inches, 20inches, 30inches, 40inches

Operation Conditions

Maximum operating forward pressure drop:

2.81kg/cm² (7 psi) at 95°C(203°F)

5.62kg/cm² (15 psi) at 30°C(86°F)

Maximum operating temperature: 95°C(203°F)

Biological Safety:

Autoclaved for 10cycles of 30 minutes at

126°C(259°F)

Benefits and Features

Optimized media structure improved dispersion classification

Thick media structure make excellent gel retention possible

No extractable, ensure superior downstream cleanliness

Superior retention of colloids and particles ensure low particle counts to protect your process

Fits most available housings

