



Amine Filtration C o m p a n y

Specializing in Filtration and Separation for Amine Units

DATA SHEET Coalescing Element

High Performance Gas Coalescing 55CX Series

HIGH PERFORMANCE COALESCING TECHNOLOGY WITH SPECIALIZED FORMULATED MEDIA FOR AMINE INLET GAS COALESCING

ELEMENT Series 55CX Element for High Performance Gas Coalescing

MEDIA

High efficiency and proprietary formulated media with inorganic polymeric microfibers and organic polymeric binders to produce a fixed pore matrix. The media array is supported by a series of organic materials and polymers to confer specialized properties for inlet liquids coalescing at Amine units. The static pore matrix enables the media array to perform effectively under the most demanding liquids loading in the industry. The coalescing media consists of materials that will not be degraded by gas contaminants such as heavy hydrocarbons or lubrication oils. The 55CX gas coalescing elements are specifically designed to separate liquid contaminants in feed gas streams to Amine units, operated under corrosive environments.

END CAPS Inert polymer materials or metal materials

SEALS DIENE™ O-Rings (design for gas service)

COMPONENTS Proprietary high temperature epoxy adhesive

CONFIGURATION Single Open End element

FLOW DIRECTION Outside-In Flow with O-Ring seal

DIMENSIONS Nominal Length: 36", Nominal O. D.: 5.5"

RATINGS Recommended change out 10 PSID*
(Exceeding 15 PSID is not recommended)

CORED Central core composed of carbon steel or stainless steel *
*(depending on specifications).

EFFICIENCY 0.1, 0.3 or 1.0 micron @ 99.9998% (lab testing)



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