



Amine Filtration C o m p a n y

Specializing in Filtration and Separation for Amine Units

DATA SHEET Filter Element

High Performance Process Filtration 24FX Series

HIGH PERFORMANCE PROCESS FILTRATION TECHNOLOGY WITH SPECIALIZED FORMULATED MEDIA FOR AMINE FILTRATION

ELEMENT Series 24FX Element High Performance Process Filtration

MEDIA

High efficiency and proprietary cross-linked cellulose formulated media with inorganic or organic polymeric microfibrils and organic polymeric binders (in some cases), to produce a fixed pore structure. The media array is supported by a series of organic materials and polymers to confer specialized properties for Amine units. The static pore matrix enables the media to be utilized in service to some of the highest differential pressures in the industry. The filtration media consists of materials that will not be degraded by amine solutions or by common contaminants in amine services such as heavy hydrocarbons. 24FX filter elements are specifically designed to separate solid contaminants in Amine units and Tail Gas Treating Units and related highly corrosive environments. These elements can be used for inlet liquid feeds as well as rich and lean amine streams.

END CAPS Inert polymer materials or metal materials

SEALS None, Gaskets or DIENE™ O-Rings (design for amine service)

COMPONENTS Proprietary high temperature epoxy adhesive

CONFIGURATION Single Open End or Double Open End element

FLOW DIRECTION Outside-In Flow with O-Ring seal

DIMENSIONS Nominal Length: 10-40", Nominal O. D.: 2.375-2.50"

RATINGS Recommended change out 30 PSID*
(Exceeding 35 PSID is not recommended)

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

EFFICIENCY 1-70 microns @ Beta 5000 (99.98% lab testing)



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