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

ELEMENT  Series 42FX Element High Performance Process Filtration

MEDIA
High efficiency and proprietary cross-linked cellulose formulated media with inorganic polymeric microfibers and organic polymeric binders 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. 42FX 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 well as rich and lean amine streams.

END CAPS  Inert polymer materials or metal materials
SEALS  DIENE™ O-Rings (design for amine service)
COMPONENTS  Proprietary high temperature epoxy adhesive
CONFIGURATION  Single Open End element
FLOW DIRECTION  Outside-In Flow with O-Ring seal
DIMENSIONS  Nominal Length: 39”, Nominal O. D.: 4.25”
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  10-70 microns @ Beta 5000 (99.98% lab testing)
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