



FILTRATION SERVICES

FILTRATION CONSUMABLES: FILTER CARTRIDGES

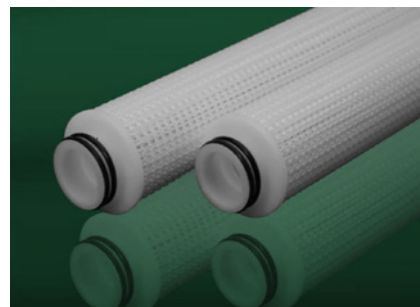
TECSEP offers a wide range of filter cartridges which can be used for different applications.

FILTRATION SERVICES FEATURES

- Media - Polypropylene / Resin bound glass fiber or cellulose string wound
- Filter Ratings (Typical) - Absolute: 2, 5, 10 microns
- Filter Ratings (Typical) - Nominal: 5, 10, 25, 50 microns
- Maximum Temperature – 80C
- Maximum Differential Pressure - 80 psi
- Dimensions 40" x 2.5"
- "O" Ring seals to eliminate filter bypass
- End caps core and sheath constructed of polypropylene for wide chemical compatibility
- Epoxy or heat-sealed side seams
- Pleated elements



ABSOLUTE RATED FILTERS:



Are used for critical applications requiring fine filtration and guaranteed effluent quality. EN65 Absolute pleated filter cartridges are manufactured using CNC technology and high-quality materials resulting in a high efficiency filter element that is suited for a wide range of applications. The filter is a thermally bonded one-piece construction design with rigid outer cage giving superior mechanical strength and integrity. Absolute filter elements are available in ratings of 0.5 to 50 microns with a Beta ratio of 5000.

NOMINAL RATED FILTERS:



Are used either as pre-filters before absolute rated elements, or a coarse filter, depending on job requirements. The EN65 Nominal wound filter cartridge is a thermally bonded extruded media, one-piece core and cap design and has high structural integrity combined with a greater void volume, giving a lower pressure drop, much improved dirt holding capacity and efficiency compared to conventional filters.

OIL ABSORPTION CARTRIDGES:



Many oilfield applications require zero discharge. Therefore, a quick and efficient re-removal of hydrocarbons from water of brines is required. The EN65 Oilbond efficiently and economically removes free, emulsified and dissolved oils in many process fluids reclamation and disposal applications. The oil absorbing filter element has been shown to retain in excess of 99% of trace hydrocarbons in one single pass and will typically hold up to of 1.2 liters of oil per 1m length element. Oilbond exhibits very low clean pressure loss which gradually increases as the element becomes loaded providing a positive indication of cartridge change out time prior to any oil bypass.