

65-OB and 160-OB

High-integrity filter cartridges

APPLICATIONS

- Process water
- Industrial discharge water
- Commercial bilge water
- Surface water runoff

ADVANTAGES

- Thermally bonded (welded) end caps
- Hydrocarbon level reduction that enables meeting regulatory discharge standards
- Chemical binding of absorbed hydrocarbons that eliminates leaching
- High-integrity construction

The 65-OB and 160-OB oil-bond filter cartridges remove a range of oils in many process fluids during reclamation and disposal. Shown to retain up to 99% of trace hydrocarbons, the oil-absorbing filter elements exhibit low pressure loss that gradually increases as the elements become loaded, providing a positive indication that the cartridges require changeout.



Oil-bond filter cartridge with modified polymers—unused (white) and after full absorption of free and dissolved hydrocarbons (black).

Technical Specifications

Filter media material	Modified polymer blend
Filter diameter, in [cm]	2.5 [6.5] and 6.3 [16.0]
Filter length, [†] in [cm]	39.6 [100.5]
Seal material	Buna, ethylene propylene diene monomer, Viton® fluoroelastomer, and nitrile

Recommended Operating Conditions

Maximum temperature at 20-psi [0.14-MPa] differential pressure, degF [degC]	158 [70]
Flow rate, galUS/min [L/min]	
39.6-in-long 65-OB	4.4 [16.66]
39.6-in-long 160-OB	14.9 [56.60]
Oil loading (holding) efficiency, mL	
65-OB	1,100
160-OB	6,500

[†] Other sizes available upon request