

Filtering element for cleaning fuel and oil comprises a smaller outer and a smaller inner cylindrical perforated frame, between which a smaller filter element is located, and comprises a larger outer and a larger inner cylindrical perforated frame, between which a larger filter element is located. A multi-layer filtering material made of sequentially arranged layers of epoxy mesh, a nonwoven fabric based on a blend of polyester and polyamide, borosilicate glass fiber, reinforced with an acrylic resin compound, nonwoven material based on a mixture of polyester and polyamide, and epoxy mesh is used as the smaller filtering element. A multi-layer filtering material made of sequentially arranged layers of epoxy mesh, a nonwoven fabric based on a blend of polyester and polyamide, borosilicate glass fiber, reinforced with acrylic resin, a nonwoven material based on a mixture of polyester and polyamide, and epoxy mesh is used as the bigger filtering element. The smaller outer and inner perforated frames and the larger outer and inner perforated frames are connected to each other with a middle flange; an upper flange is secured to the corresponding upper ends of the smaller frames and the smaller filter element. A lower flange is attached to the corresponding lower ends of the larger frames and the larger filter housing. The upper flange is additionally equipped with a handle.