COBHAM FLUID SYSTEMS

PRODUCTS - Filtration

GLASS FIBRE TUBES

Cobham Fluid Systems is the most experienced manufacturer of the fibre matrix filter tube, with over three decades of experience. Applications include the decontamination of fuel (both aviation and diesel) of solid and liquid contaminants, the removal of solid and entrained liquid from natural gas streams as well as for use as diffusers in aeration processes.

- **Solid and liquid removal**
- **High efficiency**

  Micron rating from 2 to 15
- **Meets British Gas specifications BGC/PS/E13 and GBE/E32**
- **Custom designed to suit clients applications**

The tubes are produced as a fibre matrix utilising borosilicate glass fibres of a controlled diameter. They are constructed by accurately winding mat material onto a mould, thus ensuring a consistent and known packing density so that voidage and permeability are maintained within predetermined limits. The fibres are bonded using a proprietory phenolic resin which is cured under high pressure by a controlled thermal process, resulting in a rigid product with good structural properties and inert characteristics.

Availability

The following table provides details of the standard tube dimensions, together with a reference to the permeability coefficient for each tube. They are produced in a variety of standard shapes and sizes with customised developments to suit individual requirements.

Tube Type	Outside Diameter	Inside Diameter	Length	Perm Coeff
FX4195-P-01	31.75/33.27	17.52/19.05	69.85/71.44	175
FX4195-P-02	57.15/58.72	42.93/44.45	111.1/112.7	46.1
FX4195-P-03	88.90/90.50	74.63/76.20	190.5/192.5	15.7
FX4195-P-04	114.3/115.9	100.0/101.6	273.1/274.6	8.25
FX4195-P-06	165.1/166.7	150.8/152.4	358.0/359.6	3.68
FX4195-P-08	219.1/220.6	201.6/203.2	538.2/539.8	2.55
FX4195-P-10	273.9/274.3	255.5/255.9	700.2/701.8	1.63
FX4195-H-02	67.50/69.02	54.80/56.32	146.8/148.4	24.6
FX4195-H-03	84.97/86.49	72.26/73.79	227.8/229.4	12.1
FX4195-H-06	177.0/178.6	161.2/162.7	388.2/389.7	4.02
FX4195-H-10	281.8/283.4	262.8/264.3	642.2/643.7	1.79
FX4195-H-12	323.1/324.6	307.2/308.7	904.1/905.6	0.9

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Incorporating AVERY HARDOLL FLUID MANAGEMENT

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