



## FLEX-TUBE FILTER ELEMENT DATA

Flex-Tube elements are the porous support structure for diatomite or perlite filter aid used in Filtrex's Regenerative filters. A number of Flex-Tubes are vertically suspended within the filter to form the tube nest assembly.

The Flex-Tube's outer wall is made of braided groups of filaments arranged at a specific angle. Thus, external pressure causes a diminishing of tube diameter and pore size. Each Flex-Tube has an internal stainless-steel spring to limit diameter diminution.

During filtration, the Flex-Tube is retentive. Conversely, when bumped for regeneration or cleaning, the Flex-Tube responds to internal pressure generated by "Bump" stroke, propelling filter media and accumulated solids from its surface.

Flex-Tubes have a recommended operating differential of 20 psi and an ultimate of 75 psi.

Model	FLEX TUBES	BARE AREA	COATED AREA
EC 140	126	52.4	77.3
EC 145	168	69.9	103.2
EC 225	340	111.9	165.1
EC 225S	340	141.4	208.7
EC 350	572	188.3	277.7
EC 350S	572	237.9	351.2
EC 500	846	278.4	410.7
EC 500S	846	351.9	519.4
EC 700	1152	379.2	559.3
EC 700S	1152	479.2	707.3
EC 900	1342	441.7	651.5
EC 900S	1342	558.3	819.0
EC 1000	1524	501.6	739.9
EC 1275	1524	633.9	935.8
EC 1400	1866	616.1	908.8
EC 1400S	1866	778.8	1141.0
EC 1675	2506	824.8	1216.6
EC 2100	2506	1042.5	1538.8

Area is sq. ft. – element surface