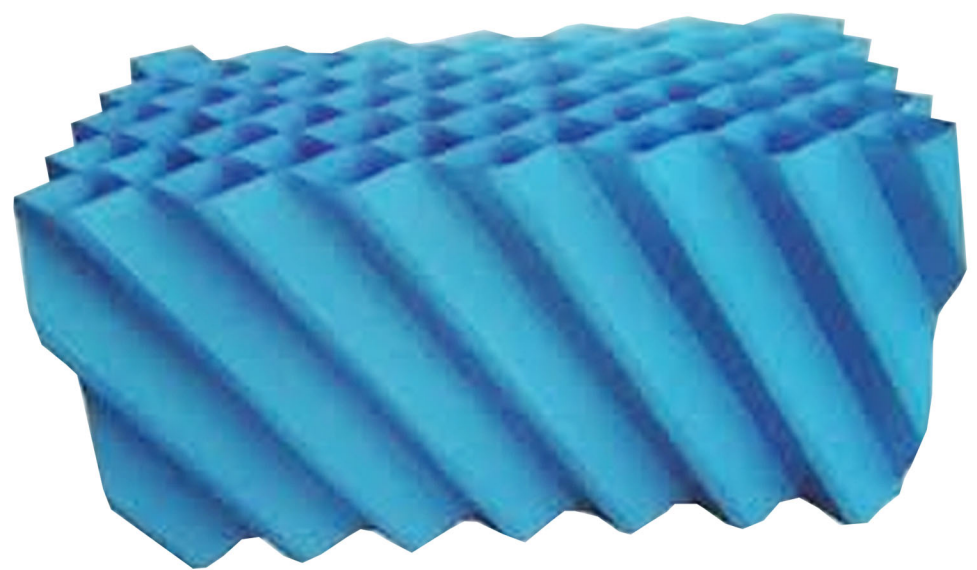




U. S. AQUATREAT CO.

TUBE MEDIA



Process application:

Clarification/Sedimentation is the most important process in the field of waste water treatment. The most efficient sedimentation systems have high settling surface area whilst maintaining a small structure. Clarifier media provides a large settling surface area within the specified volume thus giving high flow rates. They have a chevron shaped self-supporting structure in a tubular form with six sides. They are primarily used in applications like water treatment, primary & secondary clarifiers in waste water treatment.

Clarifier Media have no moving parts as a result of which there is no energy loss. The distribution and entry velocity are minimum resulting in maximum efficiency and better effluent quality. The efficient design minimizes space requirements and is sturdy and easy to transport and install. Clarifier Media increase the capacity of clarifier due to increase in area.

Construction:

It is used in tube settler. It comes in 2 shapes, 'V' shape & hexagonal shape. They are designed to give the highest surface areas in the tube settlers. The material of construction of media is UV stabilised PVC. This media is fixed in groove of each single unit to form a bunch. It has to keep in 60° inclined angles. Its standard straight height is 600mm. It increases the capacity of existing clarifiers due to increase in available settling area. Use of tube settler media while constructing a new plant, reduce the tank size so reduces civil.

