



SERVICE TECH, INC.

"Activated Carbon Engineering, Sales and Service"

ST 100 SPECIFICATIONS

U.S. Mesh Size	8 x 30
80% passes through	No. 8
5% or less passes through	No. 50
Water retention, drained:	10%
Moisture:	8% of less
Density:	Shipped 61 lb/ft ³
Backwashed, settled in column:	50-57 lb/ft ³

Design Criteria

Bed Depth:	3 ft. min.
Hydraulic Loading:	2-5 gpm/ft ² max
Bed Expansion (during back wash)	20%
Standard Packaging in 90 lb. fiber drums or bulk bags.	

Filter Design Features

- * Retention time 7-10 min.
- * Appropriate Underdrain to guarantee uniform water flow throughout the ST-100 bed.
- * Support Bed over Underdrain (Gravel, Anthracite, etc.)
- * Adequate Free board to allow for bed expansion when backwashd.
- * Air Eliminator to remove entrained gases from media bed.
- * Access to mechanical vacuum or sluice water for spent media removal.
- * Distributor or Splash Plate.
- * Flow Rate: 5 gpm/ft² max.

◆ Toll Free (800) 368-0043 ◆