



Riley Equipment Company
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Anthracite

Our line of Anthracite Filter Media is unactivated coal based carbon, made from a superior grade anthracite and is produced under rigidly controlled conditions. This filtration media offers a higher service flow than other media types and work well in Rapid or High Rate Filtration applications.

APPLICATION: For liquid filtration. Similar to gravel in that it only filters particles and other solids. Use in place of rock as a bed to prefilter any solids out of the liquid stream before it reaches the activated carbon beds.

MEDIA PROPERTIES:

Carbon Content	96%
Fracture	Angular
Specific Gravity	1.6 Avg
Bulk Density (lbs./Ft ³)	52
Hardness, minimum (Moh's Scale)	3.0-3.5
Solubility in Alkaline	None
Solubility in Acid	None
Solubility in Hydrochloric Acid	< 0.2%

Basic Sizes	
Size	Effective Size
#1	0.60 – 0.80 mm
#1-1/2	0.085 – 0.95 mm
#1-3/4	1.10 – 1.20 mm
#1-7/8	1.40 – 1.50 mm
#2	3/32" x 3/16" (2.38 x 4.76 mm)
#3	3/16" x 5/16" (4.76 – 7.95 mm)
#4	5/16" x 9/16" (7.95 – 14.29 mm)
#5	9/16" x 13/16" (14.29 x 20.64 mm)
#6	13/16" x 1-5/8" (20.64 x 41.28 mm)
#7	1-5/8" x 2-7/16" (41.28 x 62.00 mm)

Standard Packaging: 52 lb. bags and 2,000 lb. super sacks available.

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