

ANTHRACITE FILTER MEDIA

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PRODUCT

Anthracite filter media are a series of anthracite coal products designed for water filtration applications providing the advantages of premium quality anthracite.

USES AND ADVANTAGES

Anthracite filter media are produced under closely controlled conditions to give products that meet the requirements of the American Water Works Association standard ANSI/AWWA B100-89. Size grades are available to meet a wide range of individual project specifications.

TYPICAL PHYSICAL PROPERTIES

Colour	Black
Grain Shape	Angular to sub-angular, shape factor 0.6
Bulk Density	Approximately 52 lb/ft ³ (833 kg/m ³). Varies with particle size.
Hardness, Moh	3.0 – 3.8
Specific Gravity	>1.4 (ASTM C 128)
Attrition Loss	Minimal

PACKAGING

Anthracite materials are available in 1 cubic foot (52 lb) colour coded polythene bags, stacked 50 per pallet, or in bulk bags containing 1 short ton or 1 metric ton.

STANDARD SIZES

Grade No.	Size, inches	Size, mm
1	3/128 x 1/32	0.6 – 0.8
1 ½	1/32 x 7/8	0.8 – 2.2* (* in 0.2mm increments)
2	3/32 x 3/16	2.4 – 4.75
3	3/16 x 5/16	4.75 – 8.0
4	5/16 x 9/16	8.0 – 14.3
5	9/16 x 13/16	14.3 – 20.6
6	13/16 x 1 5/8	20.6 – 41.3
7	1 5/8 x 2 1/16	41.3 – 62.0

Size requirements vary with filter types and individual designer's requirements. Non-standard sizes are available to meet individual project specifications. Uniformity Coefficient values are typically 1.7, 1.6 or 1.5 to meet project requirements.

Product performance is affected by many factors, including storage, method and conditions of application and use. User testing is ESSENTIAL to determine suitability of product for intended method of application and use. Target's SOLE WARRANTY is that the product has been manufactured to specifications. No oral or written information or advice shall increase this warranty or create new warranties. Target's SOLE LIABILITY is to replace product proved defective. In no event shall Target be liable for any consequential, indirect or other damages whether arising from negligence or otherwise.

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