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# Anthracite-Pure

Excellent Filter  
Media for Multi-  
Media Application

Anthracite-Pure is a top quality coal that consists of hard, durable coal particles to ensure fixed and reliable filtration performance. It is used for turbidity and suspended solid removal. Due to its lighter specific gravity than most of the filter media, Anthracite-Pure is suitable to be paired up as dual or multiple media layer filtration system to enhance the filtration efficiency.



## Multi-Media Filtration

Anthracite-Pure often used along with other type of media (multi-media system) or by itself (mono media system). It has large specific area due to its rich angular and complicated form, which make Anthracite-Pure an ideal filter media for the top most layer of a filtration system.

## Anthracite-Pure Applications

- Residential point of entry (POE)
- Industrial process water
- Aquaculture filtration
- Agriculture and Poultry farms
- Waste water treatment

### Multi-Media



### Single Media



## Anthracite-Pure Specification

Description	Specification
Appearance	Black Granular
Bulk Density	800kg / m <sup>3</sup>
Effective Size	1mm - 2mm
Uniformity Coefficient	< 1.4
Specific Gravity	1.4 - 1.6
Ash Content	< 12%
Wear Rate	< 3%
Mohs Hardness	4 - 5

Also, the area of turbulence of Anthracite-Pure is much lesser compared to conventional silica sand media, same goes to the head losses.

## Anthracite-Pure Advantages

- High physical strength
- High service flows
- Prevention of mud ball forming at subsequent layer
- High resistance to cracks and easy backwash

#### OFFICES - AUSTRALIA

NSW - Sydney (Head Office)  
Tel: +61 2 9898 8600  
QLD - Brisbane  
Tel: +61 7 3299 9900  
VIC/TAS - Melbourne  
Tel: +61 3 9764 1211  
WA - Perth  
Tel: +61 8 9273 1900  
SA/NT - Adelaide  
Tel: +61 8 8244 6000  
ACT Distribution  
Tel: +61 2 6280 6476

#### OFFICES - OVERSEAS

Waterco (Europe) Limited  
Sittingbourne, Kent, UK  
Tel: +44 (0) 1795 521 733  
Waterco (USA) Inc  
Augusta, Georgia, USA  
Tel: +1 706 793 7291  
Waterco Canada  
Boucherville, Quebec, Canada  
Tel: +1 450 748 1421  
Waterco (NZ) Limited  
Auckland, New Zealand  
Tel: +64 9 525 7570

Waterco (C) Limited  
Guangzhou, China  
Tel: +86 20 3222 2180  
Waterco (Far East) Sdn Bhd  
Selangor, Malaysia  
Tel: +60 3 6145 6000  
PT Waterco Indonesia  
Jakarta, Indonesia  
Tel: +62 21 4585 1481  
Waterco Singapore Intl Pte Ltd  
Nehsons Building, Singapore  
Tel: +65 6344 2378

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