

FILTRATION MEDIA



PROACTIVE™ 12 X 40 100% USA BITUMINOUS CARBON

ProActive 12 x 40 100% USA Bituminous Granular Activated Carbon (P/N IT50002-USA) is made for the removal of dissolved organic compounds from water and wastewater as well as industrial and food processing streams. These contaminants include taste and odor compounds, organic color, total organic carbon (TOC), and industrial organic compounds such as TCE and PCE. It is formulated to comply with all the applicable provisions of the AWWA Standard for Granular Activated Carbon (B604) and Food Chemicals Codex.

FEATURES

- High adsorption capacity and efficiency
- Super durability that stands up well to backwash
- Low fines, no floats, rinses fast
- 100% mined and manufactured in USA

Specifications

US Standard Mesh Size.....	12 x 40
Larger than 12	5% maximum
Smaller than 40.....	4% maximum
Iodine Number	1000 mg/g minimum
Moisture by Weight.....	2% maximum
Effective Size	0.55 to 0.75 mm
Uniformity Coefficient.....	1.9 maximum
Abrasion Number	75 minimum

Typical Properties

Apparent Density (tamped).....	0.54 g/cc
Water Extractables	< 1%
Non-wettable.....	< 1%

Packaging

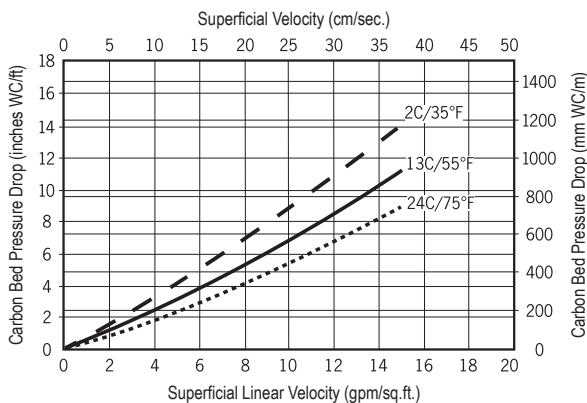
2 cu.ft. bags / 80 cu.ft. per skid
(27.5 lb per cu.ft.)

Warning

For safety and handling purposes, we recommend appropriate protective measures when entering a wet vessel containing granular activated carbon, because wet activated carbon depletes oxygen from air and therefore, dangerously low levels of oxygen may be encountered. In such a case, the oxygen level inside the vessel shall be determined before entering and appropriate protective equipment should be worn when entering, or leave the vessel open until the oxygen level in the vessel is normal.

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TYPICAL PRESSURE DROP



TYPICAL BED EXPANSION DURING BACKWASH

