

NOXsorb Adsorbent Media



Basic Information:

- NOXsorb was developed to serve the growing worldwide concern about the health risks associated with NO_x gases. This family of gases includes Nitrogen Oxide (NO), Nitrogen Dioxide (NO₂), and Nitrogen Trioxide (NO₃).
- The World Health Organization (WHO) has researched the health affects of NO_x and indicated that 91% of the world population is living in environments where NO_x has significant impact on health. Millions of lives are lost each year due to premature death related to NO_x exposure. Unfortunately, traditional air purification technologies are too ineffective or impractical to make any significant improvement.
- Some technologies can remove one member of the NO_x family but this only provides a minor overall improvement. NOXsorb is the only product available on the market that makes significant improvements in all NO_x levels and has a high capacity for these pollutants, which results in long product life. NOXsorb has been proven to reduce NO_x by 99% with very low contact time.



General Description	Product Specifications	Removal Capability
<p>NOXsorb is the only product available on the market which makes significant improvements in overall NO_x levels, which results in long product life.</p>	<ul style="list-style-type: none"> • Particle Size: 4mm diameter cylinder • Density: 576 kg/m³ (36 lbs/ft³) • Surface Area: 1100 m²/g • Typical Moisture Content %: 35% • Crush Test: 97 lbs • Abrasion Loss %: 3% max • Relative Pressure Drop: See Curve C* • CTC Value: 70% • Iodine #: 1100 mg/g • Ash Content: 5% maximum • Butane Activity: 27% minimum <p>*See Curves Details at pureairfiltration.com/curves/</p>	<ul style="list-style-type: none"> • NO_x- up to 35% by weight



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