



Industrial-Grade Durability for Dry Applications

High quality filter bags for industrial dedusting systems, made of needle felt. Good thermal resistance, low price and high quality made the Polyester Air Filter Bags ideal for wide range of applications. They are perfect for use in numerous filtration processes of many industries.

Technical data

Material: polyester nonwoven
Weight: 350-600 g/ m²

Surface

- Thermally hardened
- Calendered

Operating parameters

Max. operating temperature:
150°C – continuous temperature
160°C – peak temperature

Chemical resistance

Weak acids	Very good
Strong acids	Good
Solvents	Poor
Weak alkaloids	Fair
Strong alkaloids	Poor
Hydrolysis	Good
Oxidation	Very good

ADDITIONAL TREATMENT

Thanks to the use of various processing methods: resin bath, resin bath with the addition of PTFE solution, the use of membrane or on-woven fabric with antistatic and electro-conductive properties and admixture of microfibers, this material can gain unique properties: oil and hydrophobic, very high filtration efficiency (emission even at 1 mg / m³), spark-proof surface, high resistance to acids, alkalis and hydrolysis, as well as high filtration efficiency while maintaining high air permeability. This enables a precise adjustment of filter's material properties to the medium to be dedusted and the type of risk it carries.

AVAILABLE EXECUTION

- Water and oil resistant
- Water and oil resistant based on PTFE
- With PTFE membrane
- Polyurethane membrane
- Spark resistant
- Antielectrostatic, water and oil resistant
- Antielectrostatic
- With microfiber
- PZH approvals, FDA declarations

APPLICATION

- Cement industry
- Gypsum industry
- Ceramic industry
- Plastic industry
- Milling industry
- Grain Industry
- Mine and mining industry
- Steel Industry
- Metallurgical Industry