META-ARAMID FILTER BAG FOR DEDUSTING

Oxidation Resistance at High Temperatures up to 200°C

High quality filter bags for industrial dedusting systems, made of needle felt. Perfect to use in industrial dry filtration, when the temperature is higher than 160°C. Meta-aramid filter bags can work even when the constant temperature is 200°C.

Technical data

Material: MA nonwoven (meta-aramid, Nomex)
Weight: 400-600 g/ m^2

Surface

- Thermally hardened
- Flame treated

Operating parameters

Maximum operating temperature:
200°C – continuous temperature
220°C – peak temperature

Chemical resistance

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

ADDITIONAL TREATMENT

Oleohydrophobic treatment with the use of PTFE increases the resistance to humidity and oils, protects the material against the degradative effects of acids, alkalis and hydrolysis and significantly smoothes the surface of the filters. Addition of the acrilic fibers into Meta-aramid significantly increases its durability and lifetime and the resistance of meta-aramid filter bags to hydrolysis and oxidation. It provides a good dedusting efficiency, low pressure drop and a lower rate of fiber degradation.

AVAILABLE EXECUTIONS

- Water and oil resistant based on PTFE
- With PTFE membrane
- With increased filtration efficiency
- Antielectrostatic
- Hardly flammable
- Spark and glowing particles resistant
- Abrasion resistant

APPLICATION

- Gypsum industry
- Bituminous mass plants
- Production of adhesives and powder mortars
- Metallurgical Industry
- Manufacture of fertilizers
- Foundry industry

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