PTFE FILTER BAG FOR DEDUSTING

PTFE (Polytetrafluoroethylene)
Designed for the most demanding application and temperatures up to 260°C

High quality filter bags for industrial dedusting systems, made of needle felt. Extremely high thermal resistance, very high filtration efficiency and the highest possible, among all needle felts, resistance to acids, bases, hydrolysis, solvents and oxidants, make filter bags made of PTFE intended to be used in the most aggressive environment, where the temperature by continuous operation reaches 260°C. They are extremely resistant to all types of chemical mixtures in gases.

Technical data

Material: PTFE nonwoven (politetrafluoroetylen)
Weight: 600-830 g/ m^2

Surface

- Thermally hardened

Operating parameters

Maximum operating temperature:
260°C – continuous temperature
280°C – peak temperature

Chemical resistance

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

ADDITIONAL TREATMENT

Apart from standard executions and exeptional properties provided by Polytetrafluoroethylene, due to deep resign bath with the addition of PTFE, this nonwoven fabric achieves even better results in terms of anti-adhesion and the risk of condensation. Moreover, when working in the presence of very fine dust, dust with explosive properties, aggressive dust and those of a high abrasiveness or in case of a need of a very low emission, there are also available following executions: antistacic, with PTFE membrane, with microfibers and with brown fibers.

AVAILABLE EXECUTION

- Water and oil resistant based on PTFE
- With PTFE membrane
- While fibers
- Brown fibers
- Spark and glowing particles resistant

APPLICATION

- Cement Industry
- Bituminous mass plants
- Waste incineration plants
- Metallurgical industry
- Boiler Industry
- Refining Industry
- Energy industry

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