Product Information Sheet

The Optimum Choice

INTRODUCTION

Alkegen's Lydall Gutsche brand, brings decades of specialist expertise in the manufacture of high-performance needlefelts. As a pioneer of blended needlefelt technology since the 1980s, we continue to set benchmarks in application-specific filter media design.

By combining properties of different fibres, our engineers blend needlefelts that optimize filtration efficiency, improve durability, and deliver longer service life in demanding environments. These solutions are proven in applications such as waste incineration, coal-fired boilers, cement production, and metallurgical processes.

Blends such as PTFE/PI in waste incineration optimise outlet emissions and filtration efficiency, while blended PPS/PI in coal-fired boiler filters and PAN/PES in cement and metallurgical applications consistently outperform single-fiber felts like 100% polyester or polyacrylic felt, in high-temperature and chemically aggressive conditions.

Supported by the global capabilities of the Alkegen Group, Lydall Gutsche enables customers to optimise filtration efficiency, reliable compliance, reduced downtime, and lower total cost of ownership.

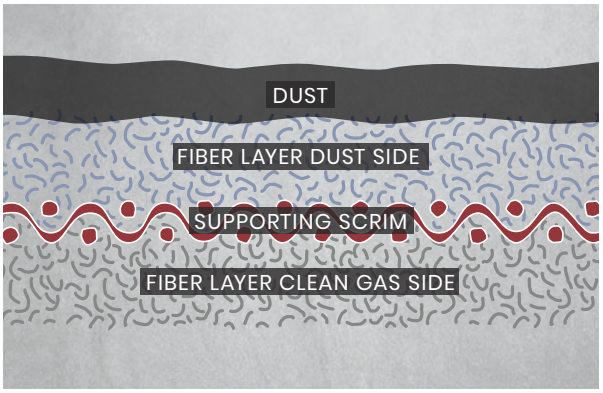
Advantages of *optivel®*

- High filtration efficiency
- Cost efficient
- Optimum fiber combinations
- Increased fabric lifetime
- High mechanical stability.

Supported by the global capabilities of Alkegen, Lydall Gutsche enables customers to optimise filtration performance and efficiency, meet strict environmental compliance, reduce downtime, and lower total cost of ownership.



optivel® cross section



Schematic needlefelt construction

The following are registered trademarks of Lydall Gutsche, part of Alkegen: Gutsche® optivel®.

Product Information Sheets are periodically updated by Alkegen. Before relying on any data or other information in this Product Information Sheet, you should confirm that it is still current and has not been superseded. A Product Information Sheet that has been superseded may contain incorrect, obsolete and/or irrelevant data and other information.

Form A-5398
Effective 05/26
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