

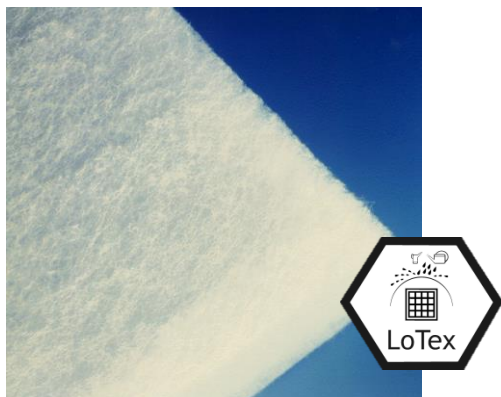
Filter pad 1704 LoTex

Application:

The DELBAG® filter pad 1704 LoTex® is used as a pre- or final filter stage typically for applications with a high quantity of liquid aerosols.

Application examples

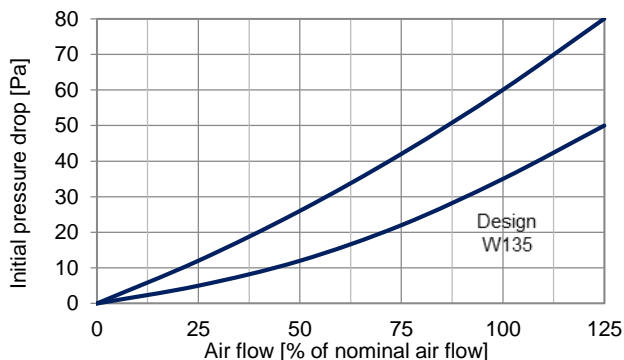
- Oil and emulsion mist separation
- Offshore installations
- General HVAC plants



Design:

The filter pad 1704 LoTex® is a high-quality fleece with a low increase in pressure drop. The fleece consists of randomly structured, non-breaking polyester fibers with a progressive depth structure and compression from the clean-air side. The fibers have oleo- and hydrophobic characteristics due to the unique structure of the surface, similar to the lotus effect.

Pressure drop curve



Technical data and delivery Information

Type 1704 LoTex

Filter class [EN 779:2012]	G4
Filter class [ISO 16890:2016]	ISO Coarse 65%
Nominal air flow [EN 779:2012]	5,400 m ³ /hm ²
Initial pressure drop at nominal air flow	60 Pa / 35 Pa
Recommended final pressure drop	≤250 Pa
Average arrestance [EN 779:2012]	>90 %
Incendiary behaviour [DIN 53428]	F1 / K1
max. operating temperature	100°C
Forms of delivery / air volume flow / weight	Item number
595/595/15 mm / 1,900 m ³ /h / 0.09 kg	DLT0913924
595/495/15 mm / 1,600 m ³ /h / 0.07 kg	DLT0813841
350/400/15 mm / 760 m ³ /h / 0.03 kg	DLT0913778
1450/615/15 mm / 4,800 m ³ /h / 0.22 kg*	DLT1102546
1450/505/15 mm / 3,900 m ³ /h / 0.18 kg*	DLT1102607

*Design for system Delbag MultiCase-W135