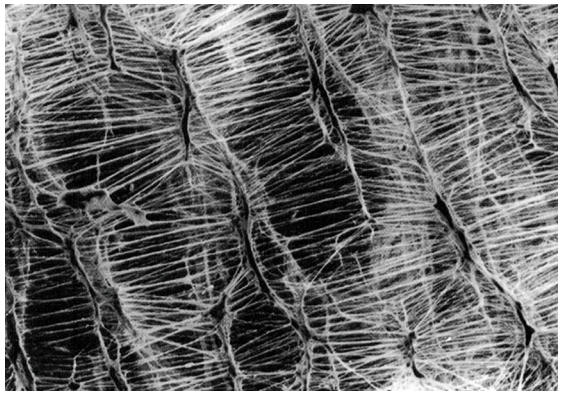
MAHLE

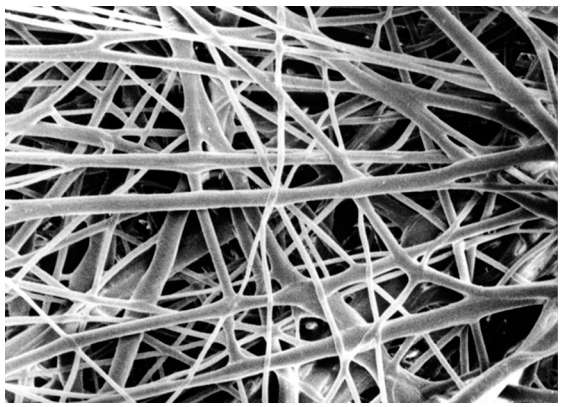
Driven by performance

Filter media
Table

1. Features

MAHLE offers a wide selection of filter media for dust filter cartridges. It is thus ensured that the right solution can be found for nearly any application..
Special filter media with Nano coatings (Web), PTFE membranes or meltblown micro fibre fleece guarantee optimal costs and reliable long-term operation of dust collector systems.
Media with FDA approval are available for the pharmaceutical and food industries.





2. Table

Type	Media	electr. con-ductive	Test certificates/ Dust classes	FDA	Air perme-ability [m³/m²h] Δp 200 pa	max. operating tempe-rature [°C]	Properties/ Applications
Ti 05	Polyester fleece (PET	no	DIN EN 60335-2-69 "M"	yes	1080	130 (perm.) 150 (peaks)	High stability, chemical resistance, washable, food industry
Ti 07	Polyester fleece with PTFE membrane	yes	DIN EN 60335-2-69 "M"	yes	145	130 (perm.) 150 (peaks)	Hazardous areas, statically chargeable dusts, high load, difficult fine dusts
Ti 08	Polyester fleece	yes	DIN EN 60335-2-69 "M"	yes	580	130 (perm.) 150 (peaks)	Hazardous areas, statically chargeable dusts, chemical and food industry
Ti 10	Cellulose with PET fibres	no	DIN EN 60335-2-69 "L" EN 779 "F8"	no	760	90 (perm.)	High air permeability and stability because of hydrophobe proberties, gas turbines
Ti 15	Polyester fleece	no	DIN EN 60335-2-69 "M"	yes	580	130 (perm.) 150 (peaks)	High stability, chemical resistance, washable, food industry
Ti 18	Polyphenyl sulphide with PTFE membrane	no	DIN EN 60335-2-69 "M"	yes	200	160 (perm.) 190*	Very good separation, difficult fine dusts, high chemical resistance to organic solvents, alkalis and acids
Ti 19	Cellulose/polyester carrier with PP meltblown	no	DIN EN 60335-2-69 "M"	no	1230	90 (perm.)**	Very good separation, difficult fine dusts, high air permeability, high load
Ti 26	Glass fibre, laminated	no	DIN EN 60335-2-69 "H" EN 1822-3 "H14"	yes	90	90 (perm.)	Separation of airborne particulates, secundary filter (not cleanable), high separation
Ti 35	Polypropylen (PP)	no	DIN EN 60335-2-69 "L"	yes	1080	80 (perm.)	Very good chemical resistance and against hydrolysis, wash-able, high air permeability, food industry
Ti 42	Polyester fleece	no	EN 779 "F8/F9"	no	2160	130 (perm.)	Very high air permeability, high hydrophobe proberties, gas turbines
Ti 56	Polyester fleece with PTFE-membrane	no	DIN EN 60335-2-69 "M"	yes	250	130 (perm.) 150 (peaks)	Very good separation, difficult fine dusts, high load, washable, food industry
Ti 69	Polyester fleece, oil and water-repellent	no	DIN EN 60335-2-69 "M"	no	630	130 (perm.) 150 (peaks)	High air permeability, very good cleanable, high stability, oil and water-repellent, food industry
Ti 70	Cellulose with 30 % PET fibres	no	DIN EN 60335-2-69 "M"	no	450	120 (perm.)	Good cleanable, ecologically harmless fabrication, improved wet strength
Ti 85	Cellulose with PET fibres M-web (PET nano fibres)	no	DIN EN 60335-2-69 "M"	no	600	90 (perm.)	Good cleanable, high separation ratio at poor pressure drop

* with reduced oxygen content

** only dry air

2. Table

Type	Media	electr. con-ductive	Test certificates/ Dust classes	FDA	Air perme-ability [m³/m²h] Δp 200 pa	max. operating tempe-rature [°C]	Properties/ Applications
DRG5N	Stainless steel wire mesh 1.4404	yes		yes	900	240 (perm.) 260 (peaks)	Finely separation, food and pharmaceutical industry, washable
Ti 201	Polyester fleece with PET nano fibres	no	DIN EN 60335-2-69 "M"	no	610	130 (perm.) 150 (peaks)	Good cleanable, high separation ratio at poor pressure drop, washable
Ti 202	Polyester fleece with PTFE membrane	no	DIN EN 60335-2-69 "M"	in pro-gress	250	130 (perm.) 150 (peaks)	Very good separation, high load, washable, food industry
Ti 205	Cellulose with 20 % PET fibres	no	DIN EN 60335-2-69 "M"	no	560		High air permeability and stability because of hydrophobe prober-ties, flame-retardant
Ti 206	Cellulose with PET fibres M-web (PET nano fibres)	no	DIN EN 60335-2-69 "M"	no	650	90 (perm.)	High air permeability and stability because of hydrophobe prober-ties, good cleanable, high separ-ation ratio at poor pressure drop, flame-retardant

* with reduced oxygen content

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