

AmerTex R-Serie

SYNTHETIC AND NATURAL FILTER MEDIA



Features and Benefits

- Exclusive bonding technology provides cleaner air
- Low resistance to airflow
- High dust holding capacity
- Available in synthetic and natural executions
- Washable

Applications

Synthetic filter media

The R15 Economy and R17 Durable media are recommended for use in low pressure forced air convectors, window ventilation units, fan coils and as prefilter in paintspray cabins.

The R29 Standard media is for use in room air conditioning units, hot air generators, air conditioning installations, home kitchen hoods and as prefilter in paint spray cabins.

The R50 Super media is suitable for use in air conditioning installations in the food industry, kitchen hoods, industrial ventilation systems and as prefilter in paintspray cabins. DIN 53438.

Natural filter media

The R20 Natural media, consisting of latex coated natural fibres structured into a porous and dense media, is recommended for use in severe operating conditions.

Construction

R-series air filter media is made of synthetic fibres, except type R20 Natural, which is made of natural fibres. An exclusive bonding technology ensures a high number of fibres per square metre for a given weight.

All AmerTex R series media is white coloured. No colour pigments are needed to create a distinction between the various media. The name of each product together with its classification according to EN779 is printed at regular intervals on the air leaving side of each media roll, permitting easy product identification. R-Series media is characterized by a relatively low resistance to airflow and a high dust holding capacity.

Cleaning

Types R15 and R29 are washable to a limited extent. Types R17, R50 and R20 are fully washable.

The R-series media can be cleaned:

- In warm water (30 - 40°C) with addition of a household detergent, if necessary. Drying should be done on a flat surface. Do not rub or wring.
- By blowing with compressed air in opposite direction of filter airflow.

Configurations

Filter media		Temperature	
Media	Synthetic	Max. operating temperature	100 °C

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Product information

Filter name	Approx. thickness (mm)	Initial dp (Pa) @ 900 m ³ /h	Prev. rated EN779:2012	ISO 16890 Classification	Average values		
					ePM1 (%)	ePM2,5 (%)	ePM10 (%)
AmerTex® R15	12	15	G2	Coarse 35%	-	-	-
AmerTex® R17	8	15	G3	Coarse 40%	-	-	-
AmerTex® R29	20	25	G3	Coarse 45%	-	-	-
AmerTex® R50	18	40	G4	Coarse 50%	-	-	-

From January 1st 2018 filtration efficiency values are certified according to ISO 16890.



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