

# AmerTex® R-Serie

*Synthetic and natural filter media*

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



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.

## **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.

### **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.

### **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.

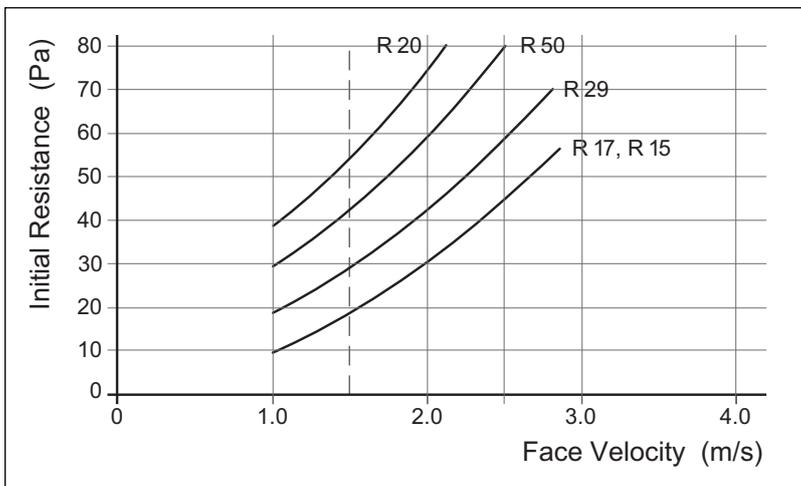
# AmerTex® R-Serie

## Technical Data

Type	R15 Economy	R17 Durable	R29 Standard	R50 Super	R20* (30 mm)
Recommended face velocity (m/s)	1.5	1.5	1.5	1.5	2.0
Rated capacity (m3/h/m2)	5400	5400	5400	5400	7200
Rated initial resistance (Pa)	17	17	26	42	80
Recommended final resistance (Pa)	130	130	200	200	250
Average arrestance (%)	75 - 80	75 - 80	80 - 85	87 - 92	80
EN 779 classification	G 2	G 2	G 3	G 4	G 3
Roll size (m)	2 x 20 1 x 20	2 x 20 1 x 20	2 x 20 1 x 20	2 x 20 1 x 20	Pads only
Packing			polyethylene bags		
Media colour	white	white	white	white	brown
Flame retardancy according to DIN 53438	F1	F1	F1	F1	-
Max. operating temperature (°C)	100	100	100	100	65
Washability	limited	good	limited	good	good

\* R20 media is also available in 20, 40 and 50 mm thicknesses

## Airflow Resistance



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AAF has a policy of continuous product research and improvement and reserves the right to change design and specifications without notice. The presented data contains average values within existing specification tolerances. Initial resistance +/- 15%.

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