

AmericanAirFilter[®] AirMat[®] Type R

Air Filter Media

Lint collection media for use in Auto-AirMat[®] automatic dry-type air filters.

Applications

AirMat[®] Type R is designed specifically for use in AAF Auto-AirMat[®] automatic dry-type air filters. The primary application is for removing cotton and synthetic fibers, dust, and other particles from return air systems in textile plants. It is also used in commercial laundry operations where high humidity and elevated temperatures exist.

Light Weight Synthetic Fabric Provides High Efficiency Lint Collection

AirMat Type R is a specially constructed, nonwoven synthetic fabric made of polyester fibers with a balanced density fiber distribution. It is exceptionally efficient in removing airborne fibers normally present in preparation, carding, spinning, and weaving rooms. It also provides improved efficiency for removing dust in card rooms, as well as starch and sizing in weave rooms.

Superior Strength - Wet or Dry

AirMat Type R has sufficient stability to stay in the side channels of the Auto-AirMat unit during installation and operation, even with heavy lint loads under normal operating conditions. It retains its strength and specified dimensions for roll diameter and width under high humidity conditions.

Specifications

Media shall be in roll form, designed for use in Auto-AirMat automatic dry-type air filters. Rolls shall be 39⁵/₈" wide on a 1⁵/₈" I.D. tempered fiberboard core. Maximum outside roll diameter shall be 9" for 1800' roll or 10" for 2250' roll.



AirMat[®] Type R installed in Auto-AirMat[®] automatic dry-type air filter.

The filter media shall be a nonwoven synthetic fabric made of polyester fibers capable of withstanding continuous operating temperatures up to 350° F and humidity conditions up to 99% R.H. It shall be white in color.

The media shall be manufactured per specifications of AAF and identified as "AirMat Type R" air filter media.

Engineering Data

Nominal Size	Actual Size	Maximum Outside Roll Diameter	Quantity Per Bag	Shipping Wt. Per Carton (lbs.)
40" x 1800'	39 ⁵ / ₈ " x 1800'	9"	1	17.0
40" x 2250'	39 ⁵ / ₈ " x 2250'	10"	1	21.0

Performance Data

Operating Temperature Limits:	Up to 350° F.
Humidity Operating Range:	Up to 99% R.H.
Initial Resistance:	.08" w.g. at 500 FPM
Recommended Operating Resistance:	.65" - .75" w.g.