



POLYESTER MEDIA SPECIFICATION SHEET



The Polyester Media is a dry media, white in colour. It is comprised of high loft balls of polyester fibers, bonded together with a fire retardant, heat sealable resin to form a highly uniform, resilient, workable yet soft blanket of air filter media.

Designed to be used in collecting dust and dirt, either as a pre-filter or main filter.

This material is available in ½", 1" and 2" depths.

1" Test Data

| | |
|--|---------------------------|
| Test Air Flow Rate(CFM)/Velocity (FPM) | <u>1180 cfm / 295 fpm</u> |
| Initial Resistance (in. WG) | <u>0.152"</u> |
| Final Resistance (in. WG) | <u>1.000"</u> |
| Minimum Efficiency Rating Value (MERV) | <u>MERV 6 @ 1180 cfm</u> |
| Minimum Average Efficiency 0.3 to 1.0 Microns (E1) | <u>4.5</u> |
| Minimum Average Efficiency 1.0 to 3.0 Microns (E2) | <u>24.7</u> |
| Minimum Average Efficiency 3.0 to 10 Microns (E3) | <u>40.8</u> |
| Dust Fed to Final Resistance(grams) | <u>179.0 grams</u> |

2" Test Data

| | |
|--|---------------------------|
| Test Air Flow Rate(CFM)/Velocity (FPM) | <u>1180 cfm / 295 fpm</u> |
| Initial Resistance (in. WG) | <u>0.130"</u> |
| Final Resistance (in. WG) | <u>0.600"</u> |
| Minimum Efficiency Rating Value (MERV) | <u>MERV 6 @ 1180 cfm</u> |
| Minimum Average Efficiency 0.3 to 1.0 Microns (E1) | <u>1.1</u> |
| Minimum Average Efficiency 1.0 to 3.0 Microns (E2) | <u>10.4</u> |
| Minimum Average Efficiency 3.0 to 10 Microns (E3) | <u>35.3</u> |
| Dust Fed to Final Resistance(grams) | <u>345.0 grams</u> |

