

Hovoglas® HiPerm Plus
High Performance HEPA Filter Media

HB-7633

This is an intermediate stiffness, significantly lower resistance HEPA filter medium composed of borosilicate microfibers with an acrylic resin binder. It is designed to be processed in both minipleat and/or deep-pleat applications.

| <u>PROPERTY</u> | | <u>TARGET</u> | <u>RANGE</u> |
|---|---------------------------------|---------------|---------------|
| Basis Weight | <i>lbs/3,000 ft²</i> | 48 | 45 - 51 |
| Caliper - 7.3 psi | <i>inches</i> | 0.016 | 0.013 - 0.019 |
| DOP Smoke Penetration 0.3 μm @ 10.5 ft/minute | <i>%</i> | 0.015 | 0.030 max. |
| Air Flow Resistance @ 10.5 ft/minute | <i>mm H₂O</i> | 29.5 | 32 max. |
| Tensile Strength MD | <i>lbs/inches</i> | 7.0 | 4.0 min. |
| CD | | 4.0 | 2.5 min. |
| Dry Elongation MD | <i>%</i> | 1.0 - 1.5 | N/A |
| CD | | 1.5 - 2.0 | N/A |
| Gurley Stiffness MD | <i>mg</i> | 1200 | N/A |
| Ignition Loss | <i>%</i> | 5.5 | 7.0 max. |
| Water Repellency | <i>inches H₂O</i> | 25 | 15 min. |

Actual filtration performance, i.e. efficiency and dust holding capacity, will vary depending upon filter design parameters and the normal variation of the media properties consistent with the specification range. We continuously strive to define our products and hence the specifications are subject to change.