# ftncore®

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**ForPolymer-Screen raw materal**

**Shenzhen Fortune Core Technology Industry & Trade Co., Ltd**

| | | |
|---|---|---|
| **Catalogue:** | | ForPolymer Screen raw series |
| **Type:** | | Win screen Nanofiber material roll |
| **Color:** | White | Optional |
| **Washable:** | Resuable: | Yes |
| **Standard:** | GRADE II | For anti-smog windiow screen |
| | Customizable: | Fortune Core provides assistance |
| | | to certify standards. |
| **Fields:** | Household | Indoor air clean. In season with haze and pollen , it suits for family protection and effectively filter pm2.5 particles, pollen and bacteria. |
| | Commercial | Rest area screen of hotels and institutions as well as large dining room screen. |
| | Medical | Protective screen and nano screen can block bacteria, with an efficiency higher than 99%. |
| **Nanofiber:** | | Linear material with a certain aspect ratio of nano scale. |
| **Electrospun:** | | Electrospinning is a method of producing fibers with a nanoscaled diameter by controlling electric field and stretching the charged filament of polymer solution or melt. |
| **Process:** | | 1. Polymer as solution or melt. |
| | | 2. By 100KV electric field, the solution or melt will be stretched into polymer fibers. |
| | | 3. Non-woven, spunbond or desired materials as carrie. |
| | | 4. Nanofiber forming by spinning process. |
| | | 5. Compound with carrier or additional desired layers. |
| **Shaping:** | | Customizable to suit specific needs. |
| **Structure:** | Protective fabric | protective layer |
| | NanoCore: Nanofiber | Nanofiber layer web |
| | Fiberglass mesh | frame netting layer |
| | Custommizable | Supports desired layers |

| | **Nano L Pinzun Series** | **PureWhite Prestige Series** |
|---|---|---|
| **0.3μm particulate matter filtration efficiency (%)*** | 70±10 | 70±10 |
| **2.5μm particulate matter filtration efficiency (%)**** | 70±10 | 70±10 |
| **Resistance (Pa) *** | 8±5 | 8±5 |
| **Light transmittance (%)**** | 45±10 | 60±10 |
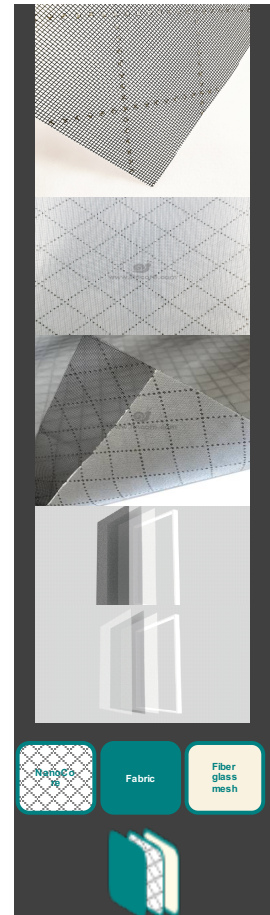
*TSI 8130 Standard Test

* * Laboratory Standard Tester

* * * Integrating Sphere Transmittance Tester

| **Competitors** | **0.3μm Efficiency** | **PM2.5 Efficiency** | **Resistance** | **Transmittance** |
|---|---|---|---|---|
| Porous membrane | 0.80% | 54.00% | 22 | 40.50% |
| Static adsorption | 0.00% | 20.00% | 0 | 53.00% |
| Static adsorption | 5.20% | 37.00% | 0 | 31.00% |
| Nanotechnology | 4.65% | 28.00% | 1.5 | 22.00% |
| Nanotechnology | 15.00% | 59.00% | 18 | 9.00% |
| **ForPolymer L** | 70.00% | 98.50% | 15 | 60.00% |
| **ForPolymer S** | 55.00% | 71.00% | 6 | 50.00% |

| | | |
|---|---|---|
| **Lead time:** | Sample | 7 days |
| | Mass production | 20 days |
| **Packaging:** | Roll | |
| | Carton box | |
| **Trade term:** | FOB prefered | |
| | Customized | |
| **Port of loading:** | Shenzhen | |
| **MOQ:** | 1000 units | Units could be kg, pc, mt, m2 etc |

Width range varies

unit weight varies

Length: range varies

Length

Width

Height

CARTON BOX
Volume: depends
GW/roll: depends
GW/box: depends
NW/roll: depends
NW/box: depends

| | | | |
|---|---|---|---|
| | | The stock may vary accordingly | |
| | | Contact us for detialed info | |
| **Quantity:** | 1 - 1000 | 15 days | |
| | 1001 - 5000 | 20 days | |
| | 5001 - 10000 | 30 days | |
| | >10000 | To be negotiated | |

| | |
|---|---|
| **Disclaimer:** | If at any time because of war, hostility, military operation of any character, civil commotions, sabotage, quarantine restriction, acts of Government, fire, floods, explosions, covid 19 related breakout, lockdown, epidemics, pandemic, strikes or other labor trouble, embargoes, and any other matter beyond human control/capability, then the date of any obligation shall be postponed during the time when such kind of circumstances is operative. |
| | If operation of such kind of circumstances exceeds three months, either party will have the right to refuse further performance of the relateed order/contract in which case neither party shall have the right to claim eventual damages. The party that is unable to fulfill its obligations under the present order/contract must within 15 days of occurrence inform the other party of the existence of the termination of the circumstances preventing the performance of the order/contract. Certificate issued by a Chamber of Commerce or any other competent authority connected with the cause in the country of the Seller or the Buyer shall be sufficient proof of the existence of the above circumstances and their duration. |
| | The information supplied in this document is for guidance only and should not be construed as a warranty. All users of the material are responsible for ensuring that it is suitable for their needs, environment, and end use. Revisions on all data maybe made without notice. |
| **REFERENCE:** | 1 according to requirements of industry standards |
| | 2 according to incoterms 2010 |
| | 3 according to Fortune Core's standard spec criterion |
| | 4 according to appropriate practical tesing result |
| | 5 measurements without any pre conditioning |
| | 6 according to ICC practice |
| | 7 according to Fortune Core's standard packing criterion. |
| | 8 datasheets and info are subject to change accordingly without notice |