

MEET YOUR NEED



- DEPTH FILTER CARTRIDGES
- PLEATED FILTER CARTRIDGES
- ACTIVE CARBON CARTRIDGES
- FILTER BAGS
- FILTER HOUSINGS
- HYDRAULIC FILTERS
- PNEUMATIC FILTERS

<http://www.TSECL.com.tw>

德璽實業股份有限公司
TECH SEED ENTERPRISE CO.,LTD.

Introduction

Tech Seed Enterprise Co., Ltd. is an experienced and ambitious group which has been servicing in the field of FILTRATION since 1995.

To provide maximum value for each filtering application, we always try every possible means to meet customers' satisfaction.

All of our products are made in Taiwan with the most competitive prices.

As for quality, our products will speak for themselves. Each product category has its technical resources team to research and develop innovative products. If you are seeking related products or a long-term partnership, we believe our company could be your best choice.

Target

- Offering filtration system design
- Reducing customers' operating and/or production costs
- Fulfilling customers' requirements in the area of filtration

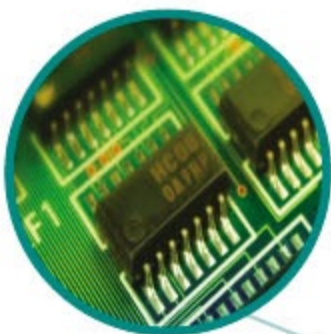
Product

- Filter cartridges (melt blown type, pleated type, wound, active carbon...)
- Filter bags (Polypropylene, Polyester, Nylon, Nomex, PTFE)
- Filter housings (Stainless steel, PP materials...)
- Hydraulic and Pneumatic Filters

Brand Name **PureMax[®]**

Implementing a strict quality control system ranging from raw materials, product processes to finished products, PureMax ensures the highest quality and reputedly performs at its excellence.

Puremax surpasses our competitors' products not only with its consistent performance but also the competitive price. And the practical product & technical service is recognized by a growing number of global customers.



Product Category



PureMax[®] Melt blown cartridges

- High purity depth filter cartridge produced by unique melt-blown technology.
- High efficiency available in absolute or nominal grade.
- Attractive low cost.
- Certified by NSF42 and FDA CFR Title 21.



PureMax[®] Pleated cartridges

- Media in PP micro fiber and PES, Nylon, PTFE membranes.
- Absolute filtering efficiency over 99.9%
- Larger filtration area than competitors.
- Enhanced dirt-holding capacity and service life.



PureMax[®] Active carbon filter cartridges

- Effectively reduce Chlorine, bad taste and odor.
- Low pressure drop, high dirt holding capacity & long service lifetime.
- In compliance with NSF and FDA requirement in material and process.
- Suitable for industrial process, waste water recycling.



PureMax[®] Filter bags

- Various media and specification in different sizes.
- Accuracy from 0.5~800um.
- Sewn or welded execution.
- For fluid with larger particles, higher viscosity or larger volume filtering applications, filter bag is an ideal pre-filtration.



PureMax® Filter-cartridge housings

- Made of strictly selected stainless steel material in SS304, 316 and 316L.
- Single or multi-cartridge housings (1~158rounds).
- Suitable for 10~40" cartridges with plain or special adaptors.
- CE certified, electrical or sanitary grade



PureMax® Filter-bag housings

- Made of strictly selected stainless steel material in SS304, 316 and 316L.
- Standard single bag (#1~#4) or multi-bag housings (up to 12bags).
- Regular and/or high pressure type.
- For general, high-tech and heavy-duty applications.



PureMax® High efficiency hydraulic filters

- Beta 200+, glass fiber media with SS mesh.
- Meet or exceed ISO test standards.
- Replaceable for most of major brands.
- For hydraulic and lube filtration.
- Portable filter cart is also available.



PureMax® Plastic housings

- Economic filtration for regular and/or process applications.
- Enhanced pressure resistance.
- From small 5" to big blue 20".
- Optional Brass port, pressure release button available.

Applications

- Optronics : First step cleaning, photo resist, developers, etching, RGB, BM, DI water...
- Semiconductors: Aggressive acid/base solutions, solvents, chemicals, CMP slurries, DI water, cooling water, UPW, waste water...
- Food industry : Beverages, bottled water, mineral water, juices, tea, wine, intermediates...
- Chemicals : Electronic-grade chemicals, cleaners, CMP slurries, inks, paints, varnishes, lacquers, resins, adhesives.
- Machinery : Hydraulic and lube filters for co-generation plants, papermaking, steelworks, die-casting...
- Pharmacy : UPW, syrup, medicament, aseptic processing.
- Hospitals : UPW, air and fluid filtration.
- Optics : DI water, specific filters for ultrasonic cleaner.

Technical Service

We also provide a wide variety of inspection equipments for filtering efficiency, pressure drop, pore size distribution, integrity test and water quality analysts such as particle size distribution meter, Chlorine meter, turbidity & conductivity test meter, pH & TOC test meter. All of these equipments are always at our customers' service.

Selecting the right filtration system

1. Micron rating and efficiency
2. Viscosity
3. Pressure drop and flow rate
4. Operating lifetime
5. Pressure resistance
6. Temperature resistance
7. Chemical compatibility
8. Dimension and specification
9. Location and space
10. Cost





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