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YANPAI FILTRATION TECHNOLOGY CO.,LTD
WWW.YANPAI.COM



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CONTENTS

01 Company Profile

03 Enterprise Strength

05 1. Polypropylene Multifilament Yarn

07 1.1 High-strength PP Industrial Yarn (FDY)

09 1.2 High Tenacity Twist PP FDY Yarn

11 1.3 Intermingled PP FDY

13 2. PP Monofilament

15 Enterprise Production Equipments

ABOUT US

Yanpai Filtration Technology Co., Ltd. (YANPAI) is a well-known multinational company, integrating R&D, manufacturing and engineering installation services. Since its establishment, we adhere to uncompromising dedication to quality, science and the technology to build our brand. We are committed to the R&D and production of polypropylene yarns. At present, we have several polypropylene FDY production lines along with key R&D equipment. We are one of the largest polypropylene filament manufacturers in China!

Adhering to our core values of "focus, integrity and industry expert", Yanpai strives to create excellence to present high-quality and high-performance new products to customers. Yanpai has continuously strengthened the R&D capability of technological transformation. In view of the characteristics of polypropylene fibers that require the original liquid coloring and spinning, our company began to develop the source of coloring masterbatches and functional masterbatches, overcome difficulties, and finally developed functional fibers with various colors of anti-aging, anti-ultraviolet, antibacterial, antistatic, temperature change, photosensitive, joining technology, chelating. At the same time, our company pays attention to keeping pace with the times, pioneering and innovating, and walking in the forefront of the market, become an early manufacturer of polypropylene with self-developed melt feeding technology.



Enterprise Strength



OUR HONOR

Yanpai has won a series of honorary titles such as National High-Tech Enterprises, Zhejiang Province Invisible Champion Enterprises, Zhejiang Province Innovative Demonstration Small and Medium-sized Enterprises, Zhejiang Province High-Tech Enterprise Research and Development Center, Zhejiang Enterprise Technology Center, Zhejiang Province Management Innovation Pilot Enterprises, Zhejiang Province Science and Technology-based Small and Medium-sized Enterprises, Zhejiang Province Famous Brand Products, Zhejiang Province Famous Export Brand. In 2021, Yanpai successfully listed on the Growth Enterprise Market of the Shenzhen Stock Exchange, the stock abbreviation: Yanpai, and the stock code: 301081.

"YANPAI" brand enjoys a good reputation in both the domestic and foreign filtration market. The company has a global sales network in the United States, Brazil, Canada, Argentina, Germany, the United Kingdom, France, South Africa, Egypt, Japan, Australia, Singapore and other countries in the world. At present, there are three wholly owned subsidiaries: Shanghai Yanpai Filter Cloth Co., Ltd., Mid Atlantic Industrial Textiles, Inc., and Zhejiang Yanpai Technology Co., Ltd.,

Yanpai regards the needs of customers as its own needs, and does its best to provide our customers with high-quality products and excellent services.

1. Polypropylene Multifilament Yarn

1. PRODUCT NAME

Polypropylene multifilament yarn.

2. PRODUCT MATERIAL

Yarn made of polypropylene.

3. PRODUCT FEATURES

Polypropylene yarn is the thread made of polypropylene chips by melt spinning. It has the characteristics of superb production technology, precise performance, high strength, light texture, no pilling, wear resistance, acid and alkali resistance, corrosion resistance, good elasticity, small thermal shrinkage, low thermal conductivity, good insulation and environmental protection.



4. MAIN USES

- ① It is widely used in safety net belt, industrial sling, flexible container bag, geotextile, industrial filter cloth, rope and cable, optical cable, high-pressure fire hose, conveyor belt, industrial sewing thread, canopy canvas, polypropylene crack resistant fiber, plastic woven bag and other fields.
- ② It is a new ideal chemical fiber material to replace polyester, nylon and ethylene fiber. It is especially suitable for the production of geotextile, sunshade, other flame retardant / UV resistant industrial products and other crafts such as Christmas trees.



1.1 High-Strength PP Industrial Yarn (FDY)

1. PRODUCT NAME

High-strength PP Industrial yarn (FDY)

2. PRODUCT SPECIFICATIONS

(2) 500D、700D、840D、1000D(Producible range 300D~3000D)

3. CV OF LINER DENSITY

≤3%

4. BREAKING TENACITY

5.5 cN/dtex(Depending on the product)

5. ELONGATION AT BREAK

18~25%

6. HOT AIR SHRINKAGE

≤8%

7. OIL CONTENT

≤2%

8. MAIN USES

fire hose, sling, safety belt, conveyor belt, woven geotextile, industrial wire, cable, industrial filter cloth and other fishing net, building reinforcement material, packaging material and industrial fabric, etc



1.2 High Tenacity Twist PP FDY Yarn

1. PRODUCT NAME

High Tenacity Twist PP FDY Yarn

2. CV OF LINER DENSITY

≤3%

3. PRODUCT SPECIFICATIONS

45~200 twist

4. BREAKING TENACITY

6.2 cN/dtex

5. ELONGATION AT BREAK

18~25%

6. HOT AIR SHRINKAGE

≤6%

7. OIL CONTENT

≤2%

8. PRODUCT FEATURES

low boiling water shrinkage, waterproof, high strength, flame retardant, low expansion, anti-ultraviolet, anti-corrosion, etc.

9. MAIN USE

Mainly used for wool strips on doors and windows, filter cloth, industrial geotextile, Christmas trees, etc.

1.3 Intermingled PP FDY

1. PRODUCT NAME

Intermingled PP FDY Yarn

2. CV OF LINER DENSITY

$\leq 3.5\%$

3. DEGREE OF INTERLACING

5~30

4. BREAKING TENACITY

6.2 cN/dtex

5. ELONGATION AT BREAK

18~25%

6. HOT AIR SHRINKAGE

$\leq 6\%$

7. OIL CONTENT

$\leq 2\%$

8. PRODUCT FEATURES

It has the characteristics of low static electricity, high resilience, gorgeous color and high wear resistance.

9. MAIN USE

High-strength polypropylene network yarn is mainly used for various types of filter cloth, such as industrial pad, geotextile, sling, cable, communication cable, webbing, luggage belt, rope, wig, etc.



2. PP Monofilament

1. PRODUCT NAME

Polypropylene monofilament、PP monofilament

2. FEATURES

Polypropylene (polypropylene) monofilament produced by our company has been improved by our monofilament production process, with high strength and lower elongation at break.

3. SPECIFICATIONS

Monofilament diameter can be adjusted in the range of 0.15-0.5mm, special specifications can be customized according to customer' s requirements.

4. COLOR

Matching color according to customer' s requirement.

5. APPLICATION

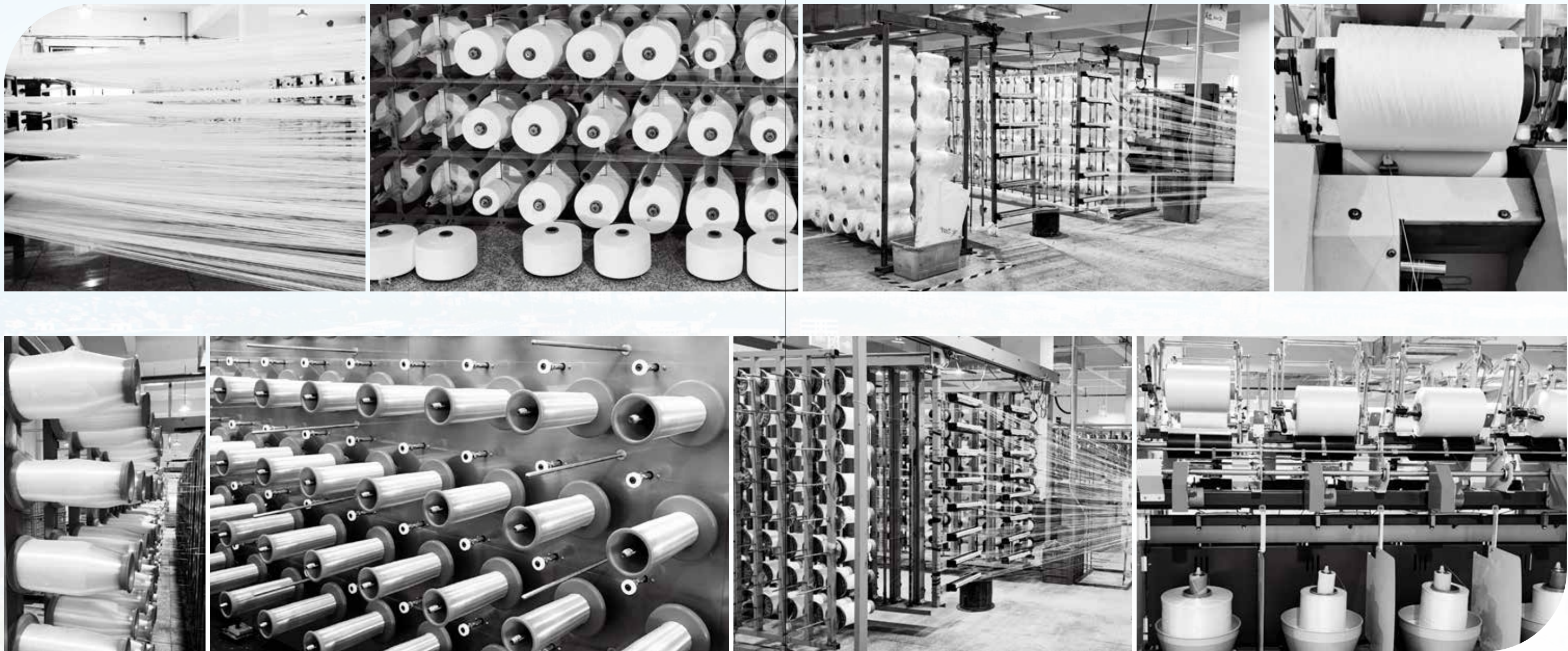
Widely used in filter cloth, filter mesh, webbing, concrete reinforced fiber, high-strength cable, paper making mesh, carpet mesh, weaving, sandwich mesh, etc.

6. MAIN MODELS

PP0.15, PP0.15 orange, PP 0.17, PP0.175 semi-dull, PP0.20, PP0.20 blue, PP0.21, PP0.22, PP0.23 black, PP0.23, PP0.25, PP0.29, PP0.32, PP0.30, PP0.38, PP0.50



Enterprise Production Equipments



Enterprise Production Equipments



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