

Polypropylene Staple Fiber

PP Staple Fiber Application



Needle Punching



Spunlace Nonwoven



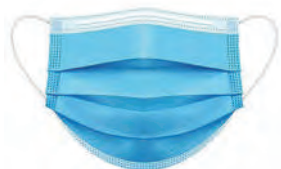
Thermal Bonding



Functional Fibers

Thermal Bonding

Filtrafine develops various PP staple fiber products to meet the diverse applications according of the market demands including hydrophilic, hydrophobic, and durable-hydrophilic fibers. These fibers are widely used in the hygiene material of diapers, paper towels, masks, tea bags, hygiene products, and beyond. Among the various models of fibers, the T182 series of fiber adopts special manufacturing technology, and has a lower melting point at 150°C. It can help to reduce processing temperatures, and save energy costs.



Model	Spec.	Application
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T102	2D-38mm	<u>Hydrophilic Fibers</u>
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It can be applied to be diapers and hygiene product coverings, medical textile, wet wipes, filter media and etc. through Thermal Bonding Processing.



T102P	2D-38mm	<u>Durable Hydrophilic Fibers</u>
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It provides long-acting hydrophilic property, moisturizing ability, permeability, and soft texture. It can be applied to be diapers and hygiene product coverings, medical textile, wet wipes, filter media and etc. through Thermal Bonding Processing.



T182	2D-38mm	<u>Low melting and Hydrophilic Fibers</u>
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With better MD/TD tensile strength, it can be applied to be diapers and hygiene product coverings, medical textile, and surgical wipes. With lower melt temperature at 150°C, it helps to reduce operating temperature and save energy cost in Thermal Bonding Processing.



T182F	2D-38mm	<u>Low melting and Hydrophobic Fibers</u>
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The hydrophobic properties provide a waterproof ability which can provide protection from water penetration, and particle adhesion. This type of property also provides an excellent water impermeability for dryness. Hydrophobic fibers are suitable to be used on products ranging from diapers, hygiene product coverings, medical materials, wet wipes, and filters.

Needle Punching

Filtrafine develops a variety PP staple fiber product in different colors and with various properties. This is to meet the diverse applications according of the market, and to meet the customers need. Some of the attributes of PP staple fiber material include chemical resistance, wear resistance, easy to clean, and light weight. This material is widely used in filters media, vehicle interior design, tufted carpets, and geotextiles.



Model	Spec.	Application
T301	15D-76 mm	<u>Fibers for Needle Punching</u> It can be applied to floor coverings, tufted carpets, and furniture through Needle Punching Processing.
T301	18D-76 mm	<u>Fibers for Needle Punching</u> It can be applied to floor and wall coverings, and tufted carpets through Needle Punching Processing.
T302	15D-76 mm	<u>Fibers with High UV Resistant</u> With UV resistant property, it can be used for vehicle interior design, and outdoor floor coverings through Needle Punching Processing.
T302	18D-76 mm	<u>Fibers with High UV Resistant</u> With UV resistant property, it can be used for vehicle interior design, and outdoor floor coverings through Needle Punching Processing.
T401	3D 38/50/76 mm	<u>Low Melting and Hydrophilic Fibers</u> It can be applied to be diapers and hygiene product coverings, medical textile, wet wipes, filter media and etc. through Thermal Bonding Processing.
T401	6D 50/76/90 mm	<u>Fibers for Needle Punching</u> It can be applied to carpets, door panel, furniture, and bedding through Needle Punching processing.
T402	6D 100 mm	<u>Fibers with High Tenacity and UV Stability</u> With High Tenacity (>5g/d) and UV resistance, it can be applied to be geotextile through Needle Punching Processing.

Spunlace

Filtrafine develops a variety PP staple fiber product to meet the diverse applications of Spunlace Processing. Based on its ultra-fine denier and durable hydrophilic property, it gives Non-Woven Fabric with soft, flexible, permeable, and moisturizing features. With its tenacity and chemical resistance, it is widely used in facial mask, wet wipe, and tissue paper products.



Model	Spec.	Application
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T102M	1.7D-38 mm	<u>Durable Hydrophilic Fibers</u>
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It provides soft, flexible, permeable, and moisturizing features and is widely used in woven applied for facial mask, medical and surgical facial mask, wet wipe, and tissue paper products through Spunlace processing.

Polypropylene Staple Fiber

Denier Per Filament:

2.0D 、 2.5D 、 3.0D 、 6.0D 、 15D 、 18D 、 70D

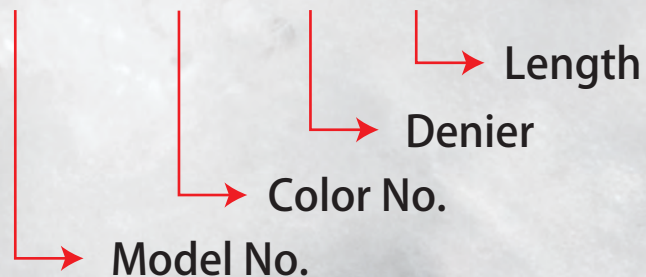
Fiber Length:

38mm 、 50mm 、 60mm 、 76mm 、 90mm 、 120mm

- Above are for standard spec and colors
- For any other inquiry, please contact us
- The color swatches are only for reference

Ordering Infomation:

T401-000-6.0-60



 Filtrafine No.010	 Filtrafine No.094	 Filtrafine No.052	 Filtrafine No.029	 Filtrafine No.020	 Filtrafine No.057
 Filtrafine No.097	 Filtrafine No.107	 Filtrafine No.125	 Filtrafine No.106	 Filtrafine No.124	 Filtrafine No.121
 Filtrafine No.210	 Filtrafine No.309	 Filtrafine No.408	 Filtrafine No.404	 Filtrafine No.402	 Filtrafine No.410
 Filtrafine No.415	 Filtrafine No.508	 Filtrafine No.538	 Filtrafine No.549	 Filtrafine No.527	 Filtrafine No.520
 Filtrafine No.506	 Filtrafine No.703	 Filtrafine No.963	 Filtrafine No.910	 Filtrafine No.911	 Filtrafine No.940