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Foshan Yuzhimu New Materials Co., Ltd.



COMPANY PROFILE

*Introduction: The best high-performance non-woven fabric manufacturer in China. We are focusing on the research and development of new high-end non-woven materials that are in a gap in the market.

*Product Composition: Yuzhimu high performance nonwoven fabric as a long fiber bicomponent non-woven fabric composed of PET+PA6 or PET+PP. Weight range: 30-300g.

*Applications: It is suitable for primary and secondary backing of commercial and household carpets, molded carpet primary backing, car floor mats primary backing, filter media for air filter, artificial turf backing, wallcovering backing, construction membrane backing, bitumen Membranes backing and Nonwoven geotextile fabric.

* Feature: High strength and foldable performance, strong tear resistance excellent stability performance, flame retardant, noise elimination, excellent filtration efficiency, strong breathability, and customizable colors.

*Company size : The factory covers an area of over 30,000 square meters and has over 200 employees.

*Annual Output Value:US\$50 Million - US\$80 Million, Annual output:10000 tons.

Carpet primary backing series



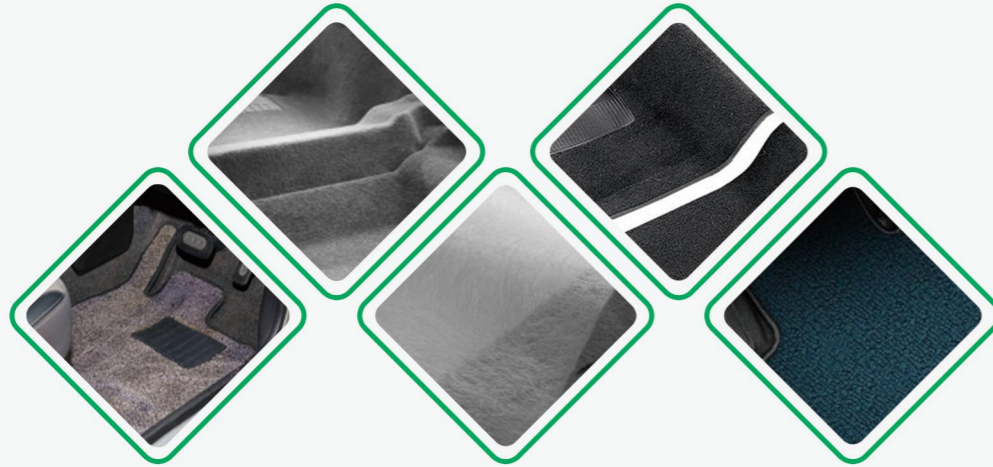
Description

- High strength at low weight,Weight range: 30-300g.
- Excellent dimensional and thermal stability.
- Easy tufting, dyeing, printing, and pre-coating: no needle deflection or pile extraction.
- Non-fraying.
- Excellent tear resistance, especially at the edges.
- Smooth processing maximizing production yield.
- Usage : Household carpets, business carpets, full carpets, carpet tiles.

Main Technical Parameter

| Serial No. | Model No. | Gram weight (g/m ²) | MD/CD Tensions (N/5cm) | Elongation at break (%) | Color | Maximum width (meter) |
|------------|--------------|----------------------------------|--------------------------|---------------------------|------------------|-------------------------|
| 1 | ATLBack-50C | 50 | 110 | 25 | Grey/Black/White | 4.6 |
| 2 | ATLBack-70C | 70 | 160 | 25 | Grey/Black/White | 4.6 |
| 3 | ATLBack-90C | 90 | 220 | 25 | Grey/Black/White | 4.6 |
| 4 | ATLBack-100C | 100 | 240 | 25 | Grey/Black/White | 4.6 |
| 5 | ATLBack-110C | 110 | 275 | 25 | Grey/Black/White | 4.6 |
| 6 | ATLBack-120C | 120 | 290 | 23 | Grey/Black/White | 4.6 |
| 7 | ATLBack-150C | 150 | 350 | 22 | Grey/Black/White | 4.6 |

Automotive carpet primary backing series



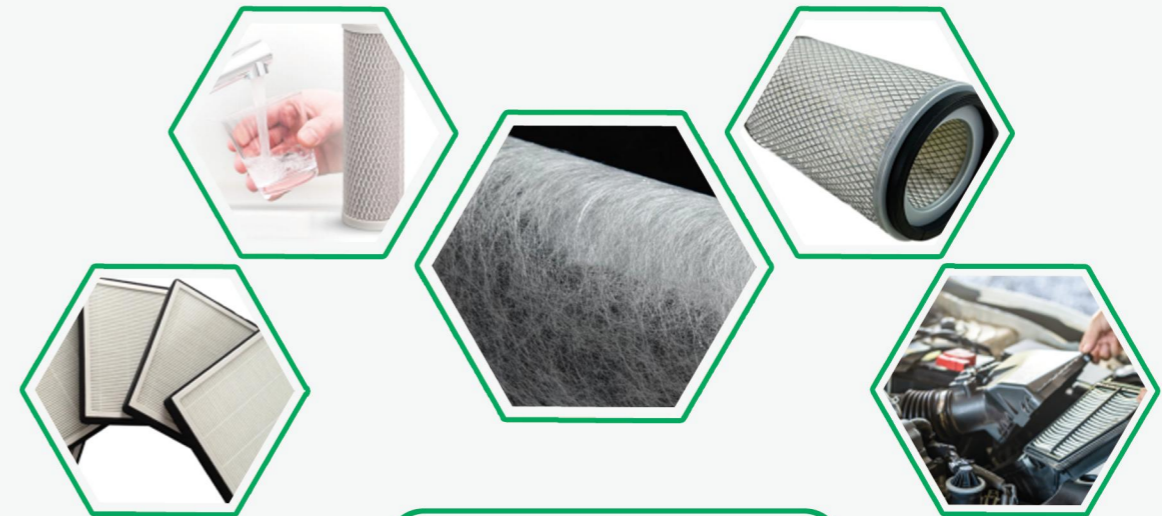
Description

- Primary backing with strong tear resistance and stability.
- High strength at low weight , Weight range: 30-300g.
- Uniformly distributed between filaments, with high bonding quality.
- Improve the stiffness of finished car mats.
- Helps car floor mats stay flat.
- Excellent stability is still required under harsh weather conditions.
- Usage : Automotive carpet , car floor mats, molded carpets.

Main Technical Parameter

| Series | Model No. | Tensions (N/5cm) | Tensions (N/10cm) | Elongation at break (%) | Color | Maximum width (meter) |
|----------------|-----------|--------------------|---------------------|---------------------------|------------------|-------------------------|
| Car floor mats | ATL-100C | 240 | 480 | 25 | Grey/Black/White | 4.6 |
| Car floor mats | ATL-110C | 275 | 550 | 25 | Grey/Black/White | 4.6 |
| Car floor mats | ATL-120C | 290 | 580 | 25 | Grey/Black/White | 4.6 |
| Molded carpet | ATL-100D | 220 | 440 | 50 | Grey/Black/White | 4.6 |
| Molded carpet | ATL-110D | 260 | 520 | 50 | Grey/Black/White | 4.6 |
| Molded carpet | ATL-120D | 310 | 620 | 50 | Grey/Black/White | 4.6 |

Filter support nonwoven series



Description

- It is manufactured from high-performance non-woven fabric using hot melt process, and is non-toxic and non-hazardous.
- Safer and more environmentally friendly than the glass fiber cartridges used in normal air filters.
- Hot air bonded, highly breathable, stiff, easy to fold, and can be functionally customized.
- Lightweight with excellent filtration and low wind resistance , Weight range: 30-300g.
- Usage : Widely used in indoor air purifiers, car air conditioner filters, Industrial air filter elements , Water filter. etc.

Main Technical Parameter

| Serial No. | Model No. | Gram weight (g/ m ²) | Air permeability 1/m ² /s ISO9073-1 | Stiffness mg ASTMD 6125 | Remarks |
|------------|---------------|-----------------------------------|--|-------------------------|--|
| 1 | ATLBack-65B | 65 | 5400 | 80 | White; custom colors |
| 2 | ATLBack-70B | 70 | 5200 | 90 | White; custom colors |
| 3 | ATLBack-75B | 75 | 5000 | 100 | White; custom colors |
| 4 | ATLBack-80B | 80 | 4700 | 110 | White; custom colors |
| 5 | ATLBack-90B | 90 | 4500 | 120 | White; custom colors |
| 6 | ATLBack-65Y | 65 | 5400 | 80 | White; custom colors |
| 7 | ATLBack-70BV | 70 | 5200 | 90 | Antibacterial Series* |
| 8 | ATLBack-70BVM | 70 | 5200 | 90 | Anti-bacterial and anti-mould series** |

Silk wallcovering backing

Description

- Moisture-resistant, breathable, flexible, light, non-combustible, easily decomposed, non-toxic and non-irritating. Weight range: 30-300g.
- The density of the fabric is greatly increased compare with others, and the corresponding pattern is more three-dimensional.
- It manufactured by twisting, dyeing, printing, calendering, embossing and other processes.



Main Technical Parameter

| Serial No. | Model No. | Gram weight (g/m ²) | color | Maximum width (meter) | Usage |
|------------|-------------|----------------------------------|--------------|-------------------------|--|
| 1 | ATLBack-30A | 30 | Bright white | 2.85 | Silk wallcoverings, glass laminated silk, packaging products |
| 2 | ATLBack-50A | 50 | Bright white | 2.85 | Silk wallcoverings, glass laminated silk, packaging products |

Other applications



Description

Artificial Turf Backing : Yuzhimu's non-woven fabric has extremely strong tensile strength, which makes it easier for installers to handle artificial leather. Even if the length is very long, precise positioning of the grass mat is beneficial for installation.

Construction Membranes : Yuzhimu nonwoven is suitable for construction membranes. High-performance construction membranes are made from a one-piece polymer coating or film. In order for high-performance membranes to be durable and cost-effective, they need carriers that adhere well to coatings or films and are easy to process.

Nonwoven Geotextile Fabric : Breathability, filtration, Insulation, Water absorption, Waterproofing, good elasticity, Strong tear resistance, High strength, and Strong acid and alkali resistance.

Apparel : The apparel industry is slowly discovering the benefits of Yuzhimu non-woven fabrics in the apparel industry. Yuzhimu non-woven fabrics are stiff, thin, tear-resistant but very easy to cut, shape, laminate and sew. These properties are critical to designers and manufacturers in the apparel and footwear sectors.