

Nonwoven Fabric Manufacturing Plant. Production of Non-Woven Fabrics for Hygiene, Medical, Automotive, Geotextiles, Construction & Packaging.

Description:

Nonwoven fabrics are broadly defined as sheet or web structures bonded together by entangling fiber or filaments (and by perforating films) mechanically, thermally, or chemically. They are flat, porous sheets that are made directly from separate fibers or from molten plastic or plastic film. They are not made by weaving or knitting and do not require converting the fibers to yarn.

Non-wovens are flexible, porous, products consisting of one or more fibre layers. The separate fibres may either be preferentially oriented in one direction or may be deposited in a random manner. They are bonded by chemical, thermal or mechanical processes into textile products.

Applications of Non-Woven Fabrics:

- Personal care and hygiene as in baby diapers, feminine hygiene products, adult incontinence items, dry and wet pads, but also nursing pads or nasal strips.
- Healthcare, like operation drapes, gowns and packs, face masks, dressings and swabs, osteomy bag liners, etc.
- Clothing: interlinings, insulation and protection clothing, industrial workwear, chemical defence suits, shoe components, etc.
- Home: wipes and dusters, tea and coffee bags, fabric softeners, food wraps, filters, bed and table linen, etc.
- Automotive: boot liners, shelf trim, oil and cabin air filters, moulded bonnet liners, heat shields, airbags, tapes, decorative fabrics, etc.
- Construction: roofing and tile underlay, thermal and noise insulation, house wrap, underslating, drainage, etc.
- Geotextiles: asphalt overlay, soil stabilization, drainage, sedimentation and erosion control, etc.
- Filtration: air and gas, Hevac, Hepa, Ulpa filters
- Industrial: cable insulation, abrasives, reinforced plastics, battery separators, satellite dishes, artificial leather, air conditioning, coating.
- Agriculture, home furnishing, leisure and travel, school and office etc.

For more details download PDF file.

Keywords: Nonwoven Manufacturing, Manufacturing Process for Non-Woven Fabrics, Nonwoven Fabric Making Plant, Nonwoven Fabric Production, Nonwoven Fabric Manufacturing Unit, Nonwoven Fabric Manufacturing Process Pdf, Raw Material for Non-Woven Fabric, Non-Woven Fabric uses, Nonwoven Fabric Making Machine, Production Of Nonwovens, Nonwoven Fabric Production Plant In India, Nonwoven Fabrics Manufacturing Industry, Fabric Manufacturing Process, Nonwoven Fabric Manufacturing Plant, Non-Woven Fabric Production

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