

## List of the 52 Nonwoven End-Use Products Covered in this Report, with relevant Application Area

Application Area and Nonwoven Product	Product Description and Function
Agrotech: Crop Cover, Protection	Fabrics for crop cover, protection, mulching, etc
Agrotech: Capillary Matting	Capillary matting, ground cover & similar heavy weight nonwovens for agriculture/horticulture
Buildtech: Roofing Felts	Fabrics, impregnated with bitumen or similar, for use as roofing felts (flat roofs and underlay). Also sewer linings.
Buildtech: Shingles	Nonwoven fabrics, primarily of glass, for roofing/shingles
Buildtech: Housewrap	Membranes for insulating houses, some breathable
Buildtech: Composites	Fibre reinforced plastic for building components, shower trays, swimming pools, wind blades, etc. Scrims for concrete reinforcement
Clothtech: Interlinings	Fabrics used to provide support & structure to garments
Clothtech: Shoe Components	Linings, components etc for most shoes & trainers (excluding artificial suede, leather substrates & PVC substrates)
Geotech: Ground Stabilisation	Geotextile fabrics for stabilisation, separation, drainage
Geotech: Pit Linings	Geotextile fabrics for lining waste ponds, pits, landfill, etc
Geotech: Erosion Control	Geotextile fabrics for erosion control
Homotech: Wipes	Cleaning wipes for domestic applications in nonwoven form including floor mops, etc
Homotech: Vacuum Filters	Filter media for domestic and industrial vacuum cleaners
Homotech: HVAC Filters	Heating, ventilation and air conditioning filters for domestic & industrial use
Homotech: Pillow Tickings	Tickings for filled products (pillows, duvets, cushions)
Homotech: Mattress Tickings	Outer fabrics for wrapping mattresses
Homotech: Mattress Components	Flanging & quilt backing for mattresses
Homotech: Mattress Spring Wrap	Fabrics used to wrap springs in sprung beds
Homotech: Spring Insulators	Flat fabrics (decking) used to cover springs in beds or upholstery
Homotech: Dust Cloths	Fabrics attached to base of furniture
Homotech: Furniture Components	Skirt linings & other fabrics for use in upholstered furniture, bedding etc, not elsewhere specified
Homotech: Carpet Backings	Nonwovens used as a primary & secondary backing for carpets, underlay & backing to carpet tiles
Indutech: Abrasives	Fabrics for a variety of polishing & abrasion applications
Indutech: Wipes	Cleaning wipes for industrial applications in nonwoven form
Indutech: Air Filters	High Efficiency Particulate (HEPA) & Ultra Low Penetration (ULPA) products & other non-HVAC air filters for industry
Indutech: Dust Filters	Filter media for dust bag-houses
Indutech: Liquid Filters	Filter media for swimming pools, food, vessel bags, etc.
Indutech: Other Filters	All other nonwoven filters
Indutech: Papermaking Felts	Batting & support elements of press, forming & drying fabrics (or felts) in papermaking
Indutech: Battery Separators, etc	Fabrics for battery separators, floppy disc liners, transformers, etc - excludes PCBs

Medtech: Gowns, Drapes	Nonwoven garments used in protective & medical situations
Medtech: Woundcare	Nonwovens for bandages, dressings & other medical end-uses not elsewhere specified
Application Area and Nonwoven Product	Product Description and Function
Medtech: Sterile Packaging	Sterile medical packaging
Medtech: Coverstock	Outer fabrics used in sanitary towels, diapers, incontinence pads
Medtech: Wipes	Wipes for cleansing skin, face, hands, etc
Mobiltech: Cabin Filters	Filter media for automotive, mainly cabin filters but also engine filters, air-intake filters, fuel filtration
Mobiltech: Needled Carpet	Needlepunched nonwoven automotive floor-coverings
Mobiltech: Auto Carpet Backing	Primary (for tufted) & secondary carpet backing for automotive end uses
Mobiltech: Trim	Nonwoven automotive trim: boot liners, head liners, shelving, door panels, etc
Mobiltech: Insulation	Insulation for engine compartments, wheel arches, etc
Mobiltech: Transport Composites	FRP for use in cars, trains, buses (mostly components, aerofoils, spoilers, seats) etc
Mobiltech: Marine Composites	Glass fibre for use in boat bodies GRP - hand lay-up, etc
Packtech: Teabags	Non-paper tea bags & coffee filters
Packtech: Misc. Packaging	All nonwoven packaging items except tea bags, e.g. food soaker pads, envelopes & durable papers
Protech: Cut, Slash Protection	Fabrics for garments & gloves used to provide protection from knives, glass or other sharp implements; chain saw protection
Protech: Face Masks	Face masks for medical, industrial (clean room), & domestic applications
Protech: Dust Protection	Lightweight barrier fabrics for garments worn to provide protection against dust or other particulate matter
Protech: Disposable Chemical Protection	Fabrics for disposable garments worn to provide protection against harmful chemicals & gases, pesticides, etc
Sporttech: Shopping Bags	Outer fabrics plus substrates for soft sided shopping & other small bags, carriers, etc (excluding handbags, leathersgoods)
Sporttech: Artificial Leather Substrates	Coating substrates for artificial leather handbags, luggage, small goods
Sporttech: Equipment Composites	Materials used in the production of skis, racket frames, canoes, jet-skis
Sporttech: Flags	Fabrics for flags, pennants, bunting, for parades, shows, etc.
Oekotech: Housewrap (Buildtech), erosion control, pit linings (Geotech), dust filters (Indutech), automotive insulation (Mobiltech)	Products included in the list above that are used for environmental protection applications.

### Reporting Levels Used in this Report

Regions	Fibre/Polymer Types	Web Technologies
N America	Cotton	Dry-laid
S America	Wool	Extruded (including spunbond, melt-blown, flash-spun)
W Europe	Other natural fibres	
E Europe	Wood-pulp	Wet-laid
S Asia	Viscose	Air-laid
N E Asia	Polyester	
S E Asia	Polyamide	
Rest of World (including Central Asia, Middle East, Africa, Oceania)	Polypropylene	
	Polyethylene	
	Acrylic	
	Aramid	
	Other synthetic high performance fibres	
	Carbon	
	Glass	
	Ceramic	
<b>Total 8</b>	<b>Total 15</b>	<b>Total 4</b>

# NONWOVEN END-USE PRODUCTS IN TECHNICAL TEXTILES: WORLD MARKET FORECASTS 2010

## Structure of the Tables

**Part A** consists of **7 Summary Tables**, which provide an overview of the nonwovens market worldwide over the period 1995-2010. The Tables split total world nonwovens consumption by individual product, by web technology, by region, by application area and by polymer/fibre type.

**Parts B to D** provide a detailed analysis of **52 individual nonwoven products** with consumption forecasts to 2010:

- Part B (18 Tables) shows the consumption of each product across **8 regions** over the period 1995-2010
- Part C (2 Tables) shows the relative importance of each of **15 polymer/ fibre types** in the production of each nonwoven product for 2000 and 2010
- Part D (10 Tables) shows the relative importance of each of **4 web technologies** in the production of each nonwoven product over the period 1995-2010

**Parts E and F** provide an analysis of **overall end-use nonwovens consumption by the 4 main web technologies** with market forecasts to 2010:

- Part E (4 Tables) provides estimates for the use of each web technology in each of **8 regions** of the world for 2000, with forecasts for 2010.
- Part F (2 Tables) provides estimates for the use of each of **15 polymer/fibre types** in each web technology for 2000, with forecasts for 2010.