

## Description of Products Covered

Application Area and Product	Product Description and Function
Buildtech: Textile structures	Heavy woven fabrics for marquees, tenting, roofs, etc - including architectural membranes
Buildtech: Roofing felts	a) Fabrics, impregnated with bitumen or similar, for use as roofing felts (flat roofs and underlay). b) Sewer linings.
Buildtech: Roof scrims	Support for nonwovens (e.g. felt) and for PVC coating, for use on roofs
Buildtech: Shingles	Nonwoven fabrics, primarily of glass, for roofing/shingles
Buildtech: Concrete reinforcement	Loose fibre used to reinforce concrete
Buildtech: Composites	a) Fibre reinforced plastic for building components, shower trays, swimming pools, wind blades, etc. b) Scrims for concrete reinforcement
Hometech: Vacuum filters	Filter media for domestic and industrial vacuum cleaners
Hometech: HVAC filters	Heating, ventilation and air conditioning filters for domestic and industrial use
Hometech: Composites	Fibre-reinforced plastic materials for household use (e.g. consumer appliances, white goods)
Indutech: Conveyor belting	Woven fabrics for conveying and speciality applications
Indutech: Abrasives	Fabrics for a variety of polishing and abrasion applications
Indutech: Woven filters	All woven filters for use in industrial applications
Indutech: Nonwoven air filters	High Efficiency Particulate (HEPA) and Ultra Low Penetration (ULPA) products and other non-HVAC air filters for industry.
Indutech: Other nonwoven filters	All other nonwoven filters
Indutech: Battery separators, etc	a) Fabrics for battery separators b) Fabrics for floppy disc liners, transformers, etc (excludes PCBs)
Indutech: Cable components	Central strength members and rip cord yarns for use in cables
Indutech: Electrical composites	a) PCBs b) Other GRP composites for electrical applications, including other producer durable equipment
Indutech: Anti-corrosion composites	GRP for anti-corrosion end-uses - storage pipes, tanks, etc
Mobiltech: Auto drive belt	Fabric for reinforcement of automotive drive belts, etc
Mobiltech: Insulation	Insulation for engine compartments, wheel arches, foot-wells, 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
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.

## Reporting Levels Used in the Forecast Tables

Regions	Fibre Forms (Yarn Types)	Fabric and Other End-Use Product Types
N America	Unspun Fibre	Unspun Fibre
S America	Spun Staple	Woven
W Europe	Textile Multifilament	Nonwoven
E Europe	High Tenacity (Industrial) Multifilament	Yarn Type Products
S Asia	Monofilament	
N E Asia		
S E Asia		
Rest of World (Central Asia, Middle East, Africa, Oceania)		
<b>Total: 8</b>	<b>Total: 5</b>	<b>Total: 4</b>

# GLASS End-Use Products in Technical Textiles and Nonwovens: World Market Forecast Tables to 2010

## Structure of the Tables

**Part A** consists of **5 Summary Tables**, which provide an overview of glass consumption worldwide over the period 1995-2010. These tables split glass consumption by fibre form (yarn type), fabric type, region, application area and end-use product.

**Parts B-D** provide a detailed analysis of **24 individual glass end-use products** with consumption forecasts to 2010:

- Part B (2 tables) shows the relative importance of each of the **5 fibre forms** (e.g. spun staple) in the production of each glass product over the period 1995 to 2010.
- Part C (9 tables) provides estimates and forecasts of consumption for each product across **8 regions** of the world (e.g. North America) over the period 1995 to 2010.
- Part D (7 tables) shows the relative importance of each of the **4 fabric types** (e.g. woven) in the production of each glass product over the period 1995 to 2010.

**Parts E and F** provide an analysis of **overall glass end-use consumption by the 5 main fibre forms** with forecasts to 2010:

- Part E (2 Tables) provides estimates and forecasts for the use of each fibre form (yarn type) in each of the **4 fabric types** (e.g. polymer in nonwovens) in 2002 and 2010.
- Part F (2 Tables) provides estimates and forecasts for the use of each fibre form (yarn type) in each of **8 regions** of the world (e.g. high tenacity multifilament in South Asia) in 2002 and 2010.

**Part G** (7 Tables) provides an analysis of **overall glass end-use consumption** by the **4 fabric types** in each of **8 regions** of the world over the period 1995 to 2010 (e.g. knitted fabrics in North East Asia)