

WATER FILTRATION

WATER-BORNE DISEASES SUCH AS DIARRHOEA  CAUSE 2 MILLION DEATHS EVERY YEAR, AND THIS DISEASE ALONE AMOUNTS TO AN ESTIMATED 4.1% OF THE TOTAL GLOBAL BURDEN OF DISEASE.

88% OF THAT BURDEN IS DUE TO UNSAFE WATER SUPPLY, SANITATION AND HYGIENE, MOSTLY AFFECTING CHILDREN IN DEVELOPING COUNTRIES. MANY DISEASES COULD BE PREVENTED THROUGH BETTER ACCESS TO SAFE WATER SUPPLY. 

THE GLOBAL MARKET FOR NONWOVEN FILTER MEDIA IS PROJECTED TO EXPERIENCE A 7% (CAGR) GROWTH OVER FIVE YEARS TO 2015, INCREASING FROM A VALUE OF \$2.5 BILLION IN 2010 TO \$3.5 BILLION IN 2015. 

THE MOST RAPID GROWTH WILL BE IN THE ASIA-PACIFIC REGION, WITH APPROXIMATELY 9.5% GROWTH IN 2015. 

FOR THE MORE MATURE MARKETS IN NORTH AMERICA AND THE EUROPEAN UNION, GROWTH RATE OF 5.4% AND 5.2% IS ESTIMATED OVER THIS SAME FIVE-YEAR PERIOD. 

Water is essential to life. Microbial contamination of drinking water contributes to disease outbreaks and background rates of disease worldwide. To improve public health and quality of life, pollutants must be eliminated from drinking water.

Nonwovens enable the successful filtration of drinking water. Effective water filtration helps prevent disease, and removes undesirable chemicals, biological contaminants, suspended solids and gases from contaminated water.

Nonwovens are used in filtration because they can remove particulates from fluids. Nonwovens are not only used for water filtration, but also for other liquid filtration applications (e.g. beverage, hydraulic oils, fuels etc.). The product selected will vary depending on the liquid, the desired performance and the nature of the contaminants to be removed.