

# FILMTEC™ ECO



A Dow Breakthrough Reverse Osmosis Technology  
For One Of The World's Greatest Challenges: Water Scarcity

DOW SOLUTIONS  
PROCESS  
MORE THAN  
15,000,000  
GALLONS  
OF WATER  
PER MINUTE

WATER NEEDS WILL GROW BY 50% BY 2030

WATER SUPPLIES WILL ONLY SATISFY 60% OF DEMAND



WORLDWIDE

22%  
INDUSTRIAL  
WATER USE

70%  
AGRICULTURAL  
WATER USE

8%  
DOMESTIC  
WATER USE

59%  
INDUSTRIAL  
WATER USE

30%  
AGRICULTURAL  
WATER USE

11%  
DOMESTIC  
WATER USE



HIGH INCOME  
COUNTRIES

DID YOU KNOW?

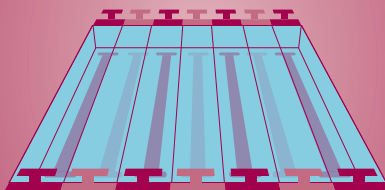
IT TAKES 2,867  
GALLONS OF WATER



TO MAKE ONE  
PAIR OF JEANS

FILMTEC™ ECO ELEMENTS  
WILL PRODUCE

15 TRILLION m<sup>3</sup>  
OF WATER



6 MILLION  
OLYMPIC-SIZED  
SWIMMING POOLS

(IN FIRST TEN YEARS OF THE ELEMENT'S LIFE)

FILMTEC™ ECO ELEMENTS  
WILL SAVE

ANNUAL  
CO<sub>2</sub> EMISSIONS



FROM 314,000  
CARS

(ENVIRONMENTAL SAVINGS IMPACT OVER 10 YEARS)

WATER/ENERGY NEXUS



40%  
BETTER  
WATER  
PURIFICATION



30%  
LESS  
ENERGY

BREAKTHROUGH TO WORLD CHALLENGE FILMTEC™ ECO RO ELEMENTS  
HELP MANUFACTURERS REDUCE WATER AND ENERGY USE