

Award Recipient of the ENERGY STAR Challenge for Industry



3M Fairmont
710 North State Street
Fairmont, MN 56031

In September 1946, 3M started Abrasive Converting operations in 20,000 square feet of leased space in Fairmont. Decorative Ribbon manufacturing started in late 1950 replacing Abrasive Converting in newly constructed 7500 square feet of space plus another 7500 square feet in 1953. In August 1955, 3M purchased the building and increased the structure to 115,000 square feet. An additional 30,000 square feet was added in 1957 with growing converting operations. In 1972, 3M Fairmont was chosen as the site for Scotchmate™ Hook & Loop manufacturing. The Bumpon™ products were added in 1975, Dual Lock™ in 1980 and Rollstock in 1985. Extruded Bonded Loop product was added in 2007. Various other products and businesses have come and gone from Fairmont through the years. Currently, Fairmont employs about 135 employees and has about 145,000 square feet.

3M Fairmont achieved the ENERGY STAR Challenge for Industry in 2010. This plant reached 33.4% energy reduction per pound of product within three years of its baseline. Energy reduction goals were reached while at the same time achieving an increase in product production. Energy efficiency was accomplished through a diverse portfolio of projects and strategies, which included but was not limited to:

- Replacing inefficient water cooled plant air compressors with more efficient VFD air cooled compressors
- Supplementing steam generated humidification with ultrasonic water vapor generation
- Replacement of inefficient HID & Metal Halide lighting with high efficient fluorescent lighting fixtures

Total energy savings since the plant has been participating in the Energy Challenge is 2,656 BTU per pound.

3M Corporation maintains a high commitment to environmental responsibility and product sustainability. 3M recently completed the Environmental Targets 2010 (ET'10) program that was initiated in 2006. ET '10 included a set of five-year environmental targets, with 2005 as the base year, as follows:

- Reduce Waste (Non Product Output) per net sales by 20%
- Reduce Volatile Air Emissions per net sales by 25%
- Improve Energy Efficiency net sales by 20%
- 800 accepted Pollution Prevention Pays projects

3M Fairmont was able to achieve all plant goals as part of the ET '10 program. Sustainability 2015 goals were recently communicated and the plant is committed to attaining those objectives moving forward.

For more information contact:

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