



## VORTEX WYE LINE DIVERTER HANDLING POLYPROPYLENE AND PET

**Customer:** A Producer of Fabrics and Fibers

**Material:** Polypropylene and PET pellets for non-woven fabrics and synthetic fibers

**Application:** Pneumatically convey different types of pellets from individual storage bins into a blender.

**Challenge:** Replace an existing outdoor hose station that is inconvenient, labor intensive, confusing to operate, and a safety hazard in winter months.

**Valve:** Vortex 2-way Wye Line Divorter  
Model DA5-2SSY-SL-MG-WP



**Results:**

In May 1998, the company installed two Vortex 5" Wye Line Diverters. The Vortex diverters allow product to be blended more accurately and more frequently. They increased both production and plant efficiency. The two diverters handle 15,000 pounds of material each hour.

Company employees enjoy not having to go outside to connect and disconnect hoses – especially during winter months when hoses are covered with snow and ice. Operations are now performed remotely in the comfort of an interior control room. Again, this added to the overall efficiency of the operation.

The diverter valves worked so well that in June 2000, two Vortex DA3-2SSY-SL-MG-WP 3" Wye Line Diverters were purchased. These valves allowed the company to further expand its operation and product offering. These smaller diverters handle 3,000 pounds of product each hour.

Since the installation, all of the valves have functioned without a single problem.