



Divert Valve (DIV)

PSI manufactures Divert Valves to aid in redirecting the flow of the melt stream. Divert Valves perform a variety of functions for the polymer, food, hot-melt, and chemical industries.

PSI provides standard design units suitable for many applications. Special designed units can be manufactured for specific applications. Special designs can include highly corrosive materials and high pressure processes. The Divert Valve can be jacketed or electrically heated. Multi-port configurations for co-extrusion (3-way/4-way) and turn-key systems are also available.



Features

- Compact / Low profile design
- Multi-port
- 3 way & 4 way designs available
- Turn-key systems available
- Rugged design provides safe, easy operation
- All parts manufactured to ISO-9002 standards
- Leak-free operation to 10,000 psi
- Electric or jacketed heating

Benefits

- Quickly diverts melt stream when required
- Allows for quick and easy change over
- Processing temperatures to 650° F
- Can process highly corrosive and high pressure applications
- Compact design allows easier access and less interference for the operator
- Low maintenance
- Quick delivery time

Applications

- Most all polymers
- Quickly degrading materials
- High pressures
- Co-extrusion
- Pelletizing
- Quick color change
- Compounding
- Sheet
- Wire and cable
- Tubing
- Blown film and cast film
- Lab lines
- Textile (fibers & nonwovens)
- EVA, Hot-melt adhesive, and PSA
- Highly corrosive materials
- Pipe and profile

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