Nil-Cor is the pioneer and world leader in design, production and application of advanced composite valves manufactured from fiberglass and graphite reinforced resins. First introduced in 1977, Nil-Cor advanced composite valves have consistently proven their value in tough, highly corrosive fluids and environments. Nil-Cor graphite and fiberglass reinforced thermoset and thermoplastic resins provide outstanding resistance to acids, caustics, bleaches, solvents and over 1,000 other corrosive chemicals.

**Ball Valves**
- Choice of (6) Resin Systems
- Fiberglass or Graphite Reinforcements
- Size Range 1" - 10"
- Service Temperature (-50°F to 275°F)
- ANSI B16.10
- ANSI CL 150
- Exceeds Class VI Shut-Off
- DIN, JIS & BS Fig. Drilling Option

**Slurry Ball Valves**
- Zirconia Ceramic Ball
- Zirconia or UHMWPE Liners
- Size Range 1" - 10"
- Service Temperature (-50°F to 275°F)
- ANSI B16.10
- ANSI CL 150 Drilling
- Class IV Shut-Off
- DIN, JIS & BS Fig. Drilling Option

**Threaded Ball Valves**
- 410 Polysulfone Resin System
- 3-Piece Design
- Size Range 1/2" - 2"
- Service Temperature (-50°F to 275°F)
- Threaded End Connections
- MSS SP-84
- Exceeds Class IV Shut-Off

**Resin System Choices**
- 300 : Vinyl Ester with Graphite Fiber
- 310 : Vinyl Ester with Glass Fiber
- 410 : Polysulfone with Glass Fiber
- 500XP : Novolac Epoxy with Glass Fiber
- 610XP : Novolac Epoxy with Glass Fiber

**Ball & Swing Check Valves**
- 300, 310, 500XP or 610XP Resin System
- Fiberglass or Graphite Reinforcements
- Size Range 1" - 10" Ball Checks
- Size Range 2" - 16" Swing Checks
- Service Temperature (-50°F to 275°F)
- ANSI CL 150 Drilling
- DIN, JIS & BS Fig. Drilling Option

**PTFE / PFA Lined Butterfly Valves**
- Structural Composite
- PTFE Seat / PFA Encapsulated Disc
- Size Range 2" - 12"
- Service Temperature (-50°F to 275°F)
- ANSI CL 150 Drilling
- DIN, JIS & BS Fig. Drilling Option

**Elastomer Lined Butterfly Valves**
- Structural Composite
- EPDM or Hypalon® Seat
- EPDM or Hypalon® Encapsulated Disc
- Size Range 2" - 12"
- Service Temperature (-50°F to 275°F)
- ANSI CL 150
- DIN, JIS & BS Fig. Drilling Option

**3-Way Ball Valve**
- 300 or 310 Resin System
- fiberglass or Graphite Reinforcements
- Size Range 1 1/2"
- Service Temperature (-50°F to 275°F)
- ANSI CL 150
- DIN, JIS & BS Fig. Drilling Option

For Selection Guidelines & Chemical Resistance
See Catalog 1000

**High Performance Double-Offset Butterfly Valves**
- 300, 310, 500 XP
- or 610XP Resin System
- Viton® or PTFE Seat
- Composite Disc
- Size Range 3" - 42"
- Service Temperature (-50°F to 275°F)
- ANSI CL 150
- DIN, JIS & BS Fig. Drilling Option
Note: Not all resin systems available with all sizes

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Control Valves

Composite Mounting Bracket

Characterized Trim
- Linear
- Equal Percentage
- Custom

Certified to ISO 9001
TSSA Certified
Type Approved Certified
PED Directive Certified

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