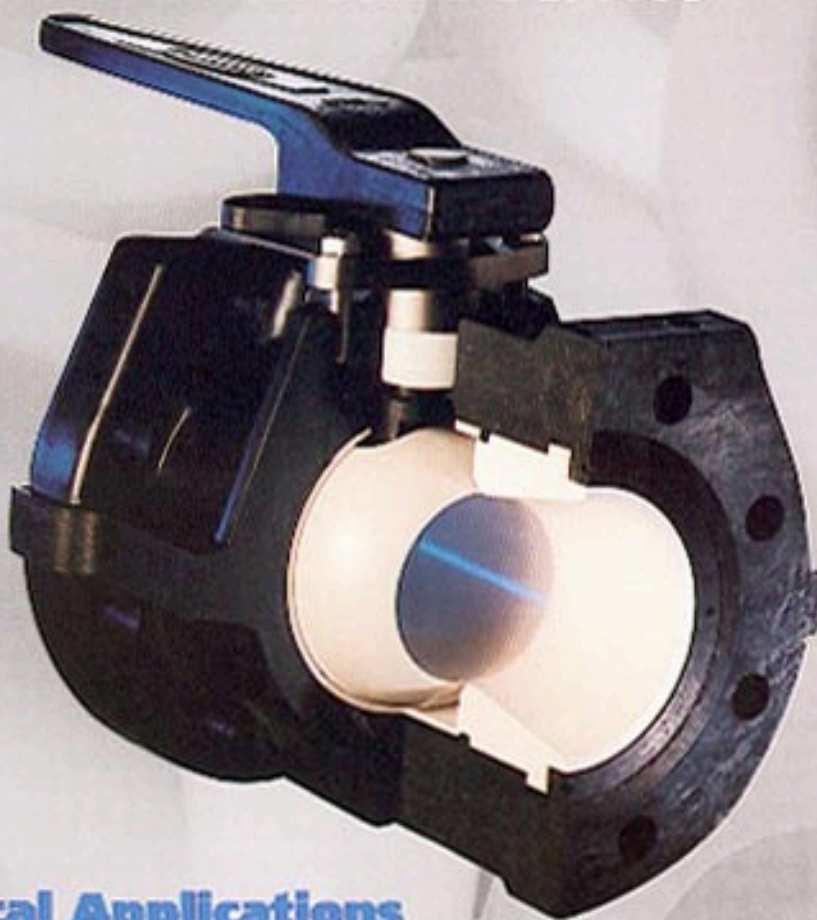


Nil-Cor[®] Zirconia Ceramic Lined Ball Valves For Severe Erosive Service



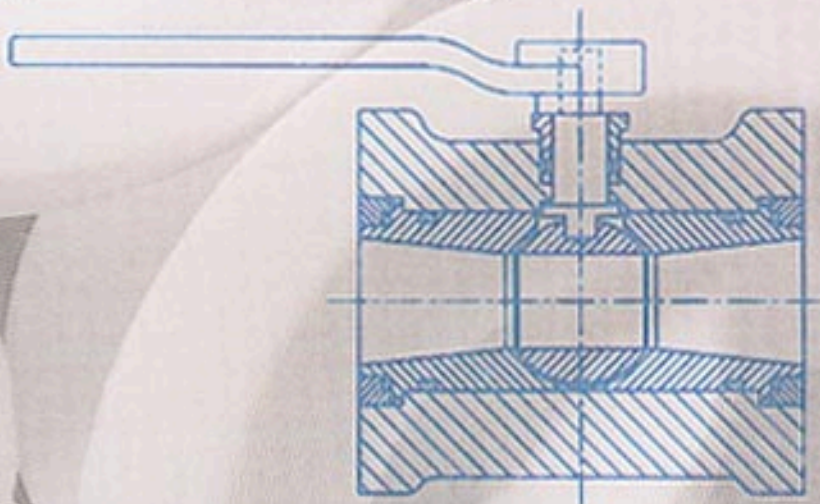
Nil-Cor[®] has combined two advanced materials technologies: graphite fiber reinforced vinyl ester resin and tough new zirconia ceramic to produce the best performing and lowest cost valve for corrosive/erosive fluids. Available in sizes 1" through 6". Manual, automated on/off or precision factory assembled modulating control valves are available. Nil-Cor[®] is the smart choice for your tough valve-destroying slurries!

Typical Applications

*Ferric chloride crystals
Fly ash
Green or white liquor
Sludge
Gypsum
Kaolin*

*Lime mud
Limestone/FGD
Magnesium hydroxide
Metal oxide sludge
Potash
Pulp*

*Pulverized coal and carbon
Titanium dioxide
Trona
Salt
Silica
Sulfite crystals*



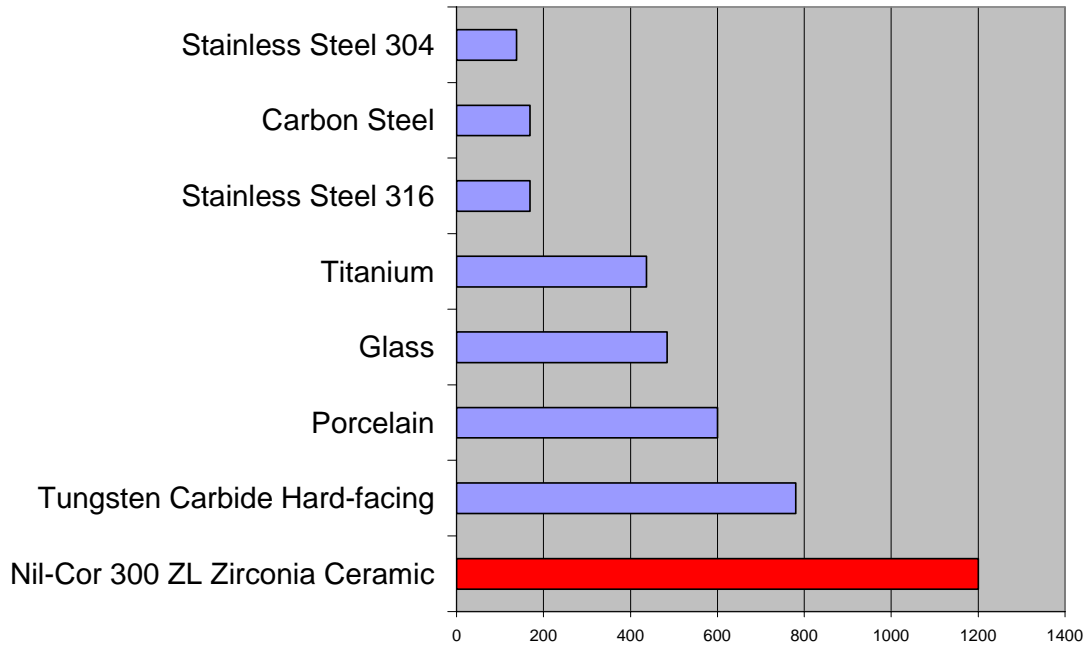
**Characterized Ports for
Precise Flow Control**



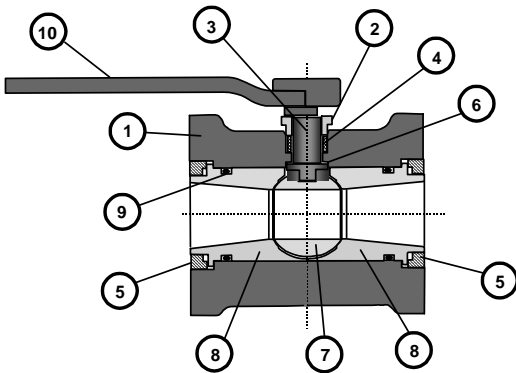
Nil-Cor[®] LLC

ZIRCONIA CERAMIC VALVES

HARDNESS COMPARISON



MATERIALS OF CONSTRUCTION:



ITEM	DESCRIPTION	MATERIAL
1	Valve Body	Graphite Reinforced Vinyl Ester
2	Packing Gland	Hastelloy-C
3	Stem	GRVE/Hastelloy-C Insert Hastelloy -C (optional)
4	Packing	PTFE V-Rings
5	Seat Retainers	Graphite Reinforced Vinyl Ester
6	Thrust Washer	Graphite Reinforced PTFE
7	Ball	Zirconia Ceramic
8	Seat Inserts	Zirconia Ceramic
9	O-Rings	PTFE Coated Viton
10	Handle	PPA-FRP