



Fabricated Fittings Technical Special Fabrication Overview

Manifolds Custom Fittings Offset Connectors



Custom Component Fabrication For Virtually Any Piping System Need!

Spears® has the capability to build custom piping system components to virtually any specifications for either pressure or nonpressure applications. Spears® experience in piping system component fabrications provides the highest quality and technology available for a variety of industry needs including Agriculture, Turf Irrigation, Water Parks, Aquariums, Pulp & Paper, Industrial and Chemical Processing.

Up to 24" Nominal Diameter Fabrication

Spears® forming capabilities can handle some of the largest thermoplastic piping component custom fabrication needs.

Pressure & Non-Pressure Applications

Produced primarily from thermoplastic pipe and piping system components, custom products can be fabricated for a variety of pressure applications based on design criteria and material selection from a variety of Schedule, Class and SDR ratings.

Superior FRP Bonding Technology

Spears® research in Fiberglass Reinforced Plastic (FRP) technology has developed superior bonding of fiberglass resin to PVC and CPVC thermoplastic materials. This eliminates weaker, "egg shell" reinforcement typical in many competitor FRP products.

High Quality Joining & Welding

From basic solvent cement welding to precision Hot-Air welds, Spears® controlled quality fabrication gives the highest assurance of sound, reliable construction.

Muti-Outlet Manifolding

Spears® specializes in multi-outlet manifolds built to specifications for a wide variety of inlet, outlet and reductions in socket, flanged, or threaded connections.





Spears® Offers A Wide Variety of Cataloged PVC & CPVC Piping System Components Which Can Be Custom Fabricated to Almost Any User Specification Or Need . . .

Pressure Fitting - Schedule 40 & Schedule 80, PVC & CPVC up to 24"

Low Pressure Fittings - 130 psi Schedule 40 & Schedule 80 through 12"
 100 psi Schedule 40 & Schedule 80 14" through 24"

DWV Fittings - ASTM F1866 Schedule 40 & Schedule 80 through 24"

Fabricated Flanges - IPS & PIP sizes, ANSI Class 125/150 or any specified Bolt Pattern

Duct Fittings - PVC & CPVC Fittings plus, Blast Gates, Rain Caps and Dampers through 24"

IPS Class Fittings - PVC Class 63, 125, 160 & 200 Socket & Gasketed through 24"

PIP Fittings - PVC 80#, 100#, 125# Socket & Gasketed through 36"

Low Head PIP - PVC Fittings, Vent & Gate Risers, Flanges

Virtually Endless Variety of Configurations . . .

Elbows	Wyes	Eccentric Reducers	Flanged
Tees	Double Wyes	Couplings	Threaded
Sanitary Tees	Combo Wyes	Gasketed	IPS x PIP
Bushings	Reducers	Socketed	Metric

Plus, Spears® Offers a Full Line of Injection Molded PVC, CPVC, & Polypropylene Fittings Valves & Accessories To Compliment Any Custom Fabrication Project . . .

Schedule 40 Fittings	Ball Check Valves	Y-Strainers	Large Butterfly Valves
Schedule 80 Fittings	Swing Check Valves	Basket Strainers	Valve Actuation
Ball Valves	Diaphragm Valves	Butterfly Valves	And Many More!

Quality Custom Fabrication For Today's Growing Industry Applications . . .

Industrial	Chemical	Mining	Municipal Water
Waste Water	Pulp & Paper	Plating	Cooling Systems
Water Parks	Aquariums	Agriculture	Turf Irrigation
Pharmaceutical	Food Processing	Air Handling	Chemical Waste