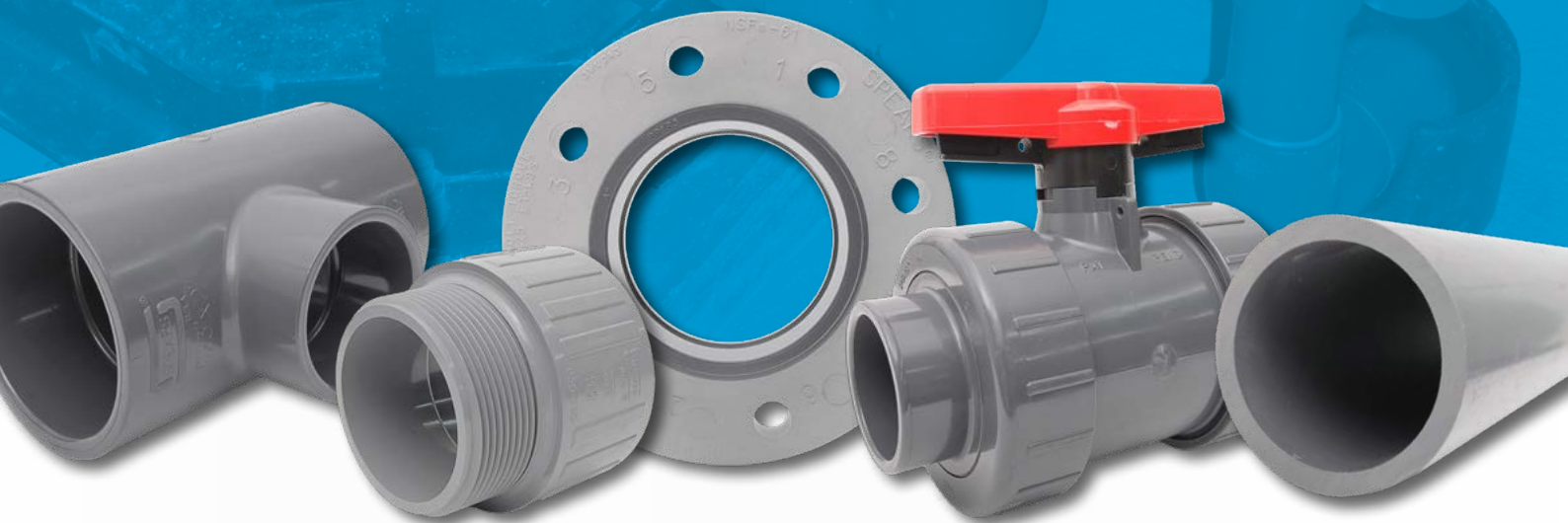




# SCH. 80 PVC & CPVC Piping Systems

*World Leading, High Quality,  
Cost Effective & Easy Installation*



**Smarter pipeline solutions.**



# A quality, cost effective, lightweight, easy installation that works for you.

Spears PVC & CPVC Pipe, Fittings, and Valves are manufactured in the USA. Providing customers with the best of what they need, when they need it has always been central to the Spears philosophy. Backed by over 45 years of both product and process development experience, Spears has become one of the leading manufacturers of thermoplastic piping systems. Innovative product designs and improvements, new technologies, and a fully integrated manufacturing system are all a part of Spears ongoing commitment to Quality, Satisfaction, and Service.



## SPEARS PVC

Polyvinyl Chloride (PVC) is one of the most widely used plastic piping materials. PVC pipe is manufactured by extrusion and PVC fittings are manufactured by injection moulding. Spears high quality PVC compounds give optimum chemical and corrosion resistance with a full range of pressure handling capabilities.



## SPEARS CPVC

Chlorinated Polyvinyl Chloride (CPVC) is created post chlorination of the PVC polymer. This produces up to a 15°C higher heat handling capability than PVC and greater fire resistance. It is excellent for use in process piping, hot and cold water service, corrosive waste drainage and other elevated temperature applications.

## Benefits of SPEARS Plastic Piping



### Long Service Life

With refined and proven manufacturing processes in place the Spears Sch. 80 product offers a long service life.



### Easy Installation

Being a PVC pipe system, Spears is light weight compared to other piping systems for similar applications, making installation easier and more user-friendly.



### Superior Corrosion Resistance

As a non-metallic piping system Spears offers excellent corrosion resistance in many applications.



### Cost-Effective

Advanced manufacturing processes and being a heavy duty industrial PVC allows installers to achieve significant cost-savings over other piping systems used for similar applications.

## Applications

- Hot & Cold Water
- Water Treatment
- Chemical Lines
- Waste Water & Slurries
- Instrumentation

## Industries

- Food & Beverage
- Commercial Construction
- Water & Waste Water Treatment
- Marine
- Laboratories
- Manufacturing
- Pharmaceutical
- Hospitals

## Sch. 80 PVC Range



## Sch. 80 CPVC Range



## Spears Valve Range



## Sch 80. Pipe Sizing and Pressure Ratings

Nom. Pipe Size (mm)	O.D. (mm)	Average I.D. (mm)	Min. Wall (mm)	Nom. Wt kg /m	Max. W.P. PSI*
8	13.72	7.16	3.02	0.17	1130
10	17.15	10.24	3.2	0.24	920
15	21.34	13.36	3.73	0.34	850
20	26.67	18.34	3.91	0.47	690
25	33.4	23.77	4.55	0.69	630
32	42.16	31.88	4.85	0.97	520
40	48.26	37.49	5.08	1.18	470
50	60.33	48.59	5.54	1.63	400
65	73.03	58.17	7.01	2.49	420
80	88.9	72.75	7.62	3.33	370
90	101.6	84.48	8.08	4.07	350
100	114.3	96.16	8.56	4.87	320
125	141.3	121.11	9.53	6.07	290
150	168.28	145.01	10.97	9.31	280
200	219.08	192.15	12.7	14.14	250
250	273.05	241.12	15.06	20.96	230
300	323.85	286.87	17.45	28.84	230
350	355.6	315.21	19.05	34.59	220
400	406.4	361.01	21.41	44.45	220
450	457.2	406.76	23.8	52.68	220
500	508	452.48	26.19	68.23	220
600	609.6	544.02	30.94	96.61	210



**Quality You Can Trust!**

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about your piping projects  
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