

PVC and CPVC Shapes



This product is provided porosity-free, stress-reduced with optimum physical properties and exacting tolerances, products that consistently machine with ease, part after part. Available products include angle, solid bar, hollow bar, square and hexagonal bar in Clear PVC, PVC, and CPVC. These materials offer excellent chemical and corrosion resistance, mechanical strength, and good thermal and electrical properties. They are noncontaminating for purity applications, and have excellent flammability characteristics. Other specialty materials such as static dissipative PVC, custom colors, additional sizes and special lengths are available upon request. Please contact customer service for more details.

O.D. (IN.)	I.D. (IN.)	MATERIAL (WEIGHT LBS./FT.)	
		PVC	CPVC
HOLLOW PVC AND CPVC			
1.625	0.562	1.154	1.288
1.9	0.562	1.647	N/A
1.9	0.906	1.41	N/A
2	1.25	1.285	N/A
2.125	0.75	2.01	2.243
2.25	1.125	2.025	2.26
2.25	1.5	1.625	N/A
2.375	1	2.393	2.671
2.5	1	2.68	N/A
2.5	1.5	2.209	N/A
2.625	1.5	2.511	2.802
2.75	1	3.299	3.682
2.875	1.5	N/A	3.525
3	1	3.976	N/A
3	1.25	3.77	4.207
3	1.5	3.375	N/A
3	2	2.798	N/A
3.25	1.25	4.506	N/A
3.5	1.5	5.037	N/A
3.563	1.5	5.245	5.853
4	2.5	5.153	5.751
4	3	3.845	N/A
4.25	1.75	7.452	8.316
4.25	3	4.948	N/A
4.5	2	8.099	N/A
4.75	3	7.069	7.889
5	3	8.217	9.17
5.563	4	7.954	N/A
6	2.437	15.2	N/A
6	4	11.19	N/A
6.625	2.875	18.03	20.121
6.625	4	14.91	16.64
8.625	5.75	21.4	N/A

SIZE (IN.)	TOL. ACROSS FLATS (IN.)	MATERIAL (WEIGHT LBS./FT.)	
		GRAY PVC	CPVC

HEXAGONAL ROD

7/16	±.030	0.108	0.121
1/2	±.030	0.142	0.159
9/16	±.030	0.18	0.202
5/8	±.030	0.222	0.249
3/4	±.030	0.32	0.359
13/16	±.030	0.375	0.421
7/8	±.030	0.435	0.489
1	±.030	0.569	0.639
1 1/8	±.030	0.721	0.81
1 1/4	±.0625 - 0	0.89	0.999
1 3/8	±.0625 - 0	1.08	1.213
1 1/2	±.0625 - 0	1.283	1.441
1 3/4	±.0625 - 0	1.746	N/A
2	±.0125 - 0	2.28	2.56

SIZE (IN.)	TOL. ACROSS FLATS (IN.)	MATERIAL (WEIGHT LBS./FT.)	
		GRAY PVC	CPVC

SQUARE ROD

1/2	±.030	0.157	N/A
5/8	±.030	0.238	N/A
3/4	±.030	0.36	N/A
1	±.030	0.629	N/A
1 1/4	±.0625	1.033	N/A
1 1/2	±.0625	1.464	N/A
2	0.055	2.452	N/A

SIZE (IN.)	MATERIAL (WEIGHT LBS./FT.)			
	GRAY PVC	WHITE PVC	CPVC	CLEAR

PVC AND CPVC ANGLE

1" x 1" x 1/8"	0.141	0.141	0.18	0.141
1-1/4" x 1-1/4" x 3/16"	0.262	0.262	0.325	0.262
1-1/2" x 1-1/2" x 3/16"	0.316	0.316	0.395	0.316
1-1/2" x 1-1/2" x 1/4"	0.415	N/A	N/A	0.415
2" x 2" x 1/4"	0.563	0.563	0.645	0.563