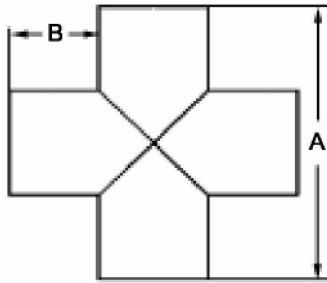




**INDEPENDENT
PIPE PRODUCTS**



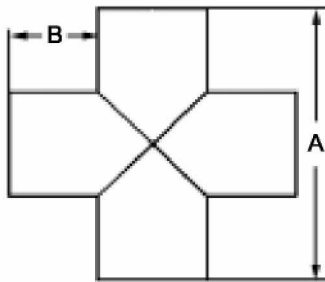
**Fabricated Line
Cross - IPS**

(Dimensions in Inches)

IPS Size	A	B	SDR	WPR (psi)	Weight (lbs)
2"	9.0	3.3	11	160	2
3"	10.3	3.4	11	160	3
4"	16.5	6.0	7	200	10
			9	160	8
			11	128	7
6"	18.6	6.0	7	200	22
			9	160	18
			11	128	16
8"	24.6	8.0	7	200	50
			9	160	41
			11	128	34
10"	26.8	8.0	7	200	83
			9	160	67
			11	128	55
			17	80	38
12"	28.8	8.0	7	200	123
			9	160	99
			11	128	84
			17	80	56
14"	32.0	9.0	7	200	165
			9	160	132
			11	128	109
			17	80	74
16"	34.0	9.0	7	200	236
			9	160	1192
			11	128	159
			17	80	107
18"	38.0	10.0	7	200	328
			9	160	267
			11	128	224
			17	80	152



**INDEPENDENT
PIPE PRODUCTS**



**Fabricated Line
Cross - IPS**

(Dimensions in Inches)

IPS Size	A	B	SDR	WPR (psi)	Weight (lbs)
20"	40.0	10.0	7	200	423
			9	160	342
			11	128	284
			17	80	192
22"	46.0	12.0	7	200	586
			9	160	474
			11	128	397
			17	80	267
24"	48.0	12.0	7	200	1079
			9	160	584
			11	128	487
			17	80	329
26"	54.0	14.0	9	160	792
			11	128	663
			17	80	449
28"	56.0	14.0	9	160	944
			11	128	791
			17	80	525
30"	58.0	14.0	11	128	934
			17	80	631
32"	60.0	14.0	11	128	1092
			17	80	733
34"	74.0	20.0	11	128	1670
			17	80	1123
36"	76.0	20.0	11	128	1920
			17	80	1292
42"	82.0	20.0	17	80	1856
			21	65	1514
48"	88.0	20.0	21	65	1967
			26	50	1602
54"	94.0	20.0	26	50	2273
			32.5	40	1827