

PREETAM PIPES SYNDICATE

Approximate Weight Chart for Ductile Iron Fittings as per IS:9523 Class K-12/PN10

Size	Flange Socket	Flange Spigot	Caps	Plugs	D/S Bend 90°	D/S Bend 45°	D/S Bend 22.5°	D/S Bend 11.25°
	(kgs)	(kgs)	(kgs)	(kgs)	(kgs)	(kgs)	(kgs)	(kgs)
80 mm	8.0	8.0	5.0	3.0	9.0	8.0	7.0	7.0
100 mm	9.0	10.0	6.0	5.0	11.0	10.0	9.0	9.0
125 mm	12.0	13.0	-	-	16.0	13.0	12.0	11.0
150 mm	14.0	16.0	10.0	9.0	20.0	16.0	14.0	13.0
200 mm	21.0	23.0	17.0	15.0	32.0	26.0	22.0	21.0
250 mm	28.0	32.0	23.0	21.0	46.0	36.0	31.0	28.0
300 mm	37.0	42.0	35.0	32.0	65.0	49.0	41.0	37.0
350 mm	48.0	56.0	49.0	44.0	87.0	65.0	52.0	46.0
400 mm	61.0	70.0	63.0	55.0	113.0	82.0	67.0	57.0
450 mm	76.0	88.0	81.0	68.0	147.0	107.0	85.0	73.0
500 mm	96.0	110.0	101.0	84.0	187.0	135.0	107.0	91.0
600 mm	132.0	159.0	157.0	124.0	285.0	204.0	157.0	133.0
700 mm	166.0	196.0	218.0	168.0	402.0	280.0	214.0	176.0
750 mm	182.0	222.0	-	-	471.0	324.0	246.0	201.0
800 mm	221.0	248.0	298.0	223.0	559.0	384.0	291.0	242.0
900 mm	275.0	297.0	392.0	295.0	745.0	507.0	377.0	309.0
1000 mm	356.0	371.0	509.0	380.0	964.0	651.0	458.0	384.0

Approximate Weight Chart for Ductile Iron Fittings as per IS:9523 Class K-12/PN10

Size	D/S Duckfoot Bend 90°	D/F Bend 90°	D/F Bend 45°	D/F Bend 22.5°	D/F Bend 11.25°	D/F Duckfoot Bend 90°	Flange Bell Mouth	Blank Flange
	(kgs)	(kgs)	(kgs)	(kgs)	(kgs)	(kgs)	(kgs)	(kgs)
80 mm	13.0	10.0	10.0	10.0	10.0	13.0	5.0	3.5
100 mm	16.0	12.0	11.0	12.0	12.0	16.0	6.0	4.0
125 mm	22.0	16.0	15.0	15.0	15.0	22.0	-	6.0
150 mm	27.0	21.0	19.0	19.0	19.0	27.0	10.0	7.0
200 mm	45.0	31.0	27.0	28.0	28.0	45.0	14.0	11.0
250 mm	65.0	50.0	55.0	56.0	56.0	69.0	20.0	17.0
300 mm	92.0	70.0	77.0	79.0	80.0	99.0	28.0	24.0
350 mm	125.0	97.0	83.0	84.0	85.0	136.0	37.0	37.0
400 mm	163.0	128.0	107.0	109.0	109.0	179.0	48.0	49.0
450 mm	213.0	165.0	137.0	139.0	140.0	231.0	61.0	64.0
500 mm	270.0	214.0	176.0	179.0	179.0	296.0	79.0	84.0
600 mm	411.0	325.0	263.0	268.0	269.0	457.0	115.0	134.0
700 mm	585.0	419.0	328.0	334.0	336.0	605.0	153.0	173.0
750 mm	687.0	495.0	385.0	393.0	395.0	711.0	-	206.0
800 mm	812.0	575.0	444.0	453.0	455.0	828.0	-	241.0
900 mm	1084.0	746.0	567.0	579.0	582.0	1,097.0	-	312.0
1000 mm	1442.0	992.0	752.0	768.0	772.0	1,462.0	-	423.0

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SIZE	A/S Tee	A/S Cross	D/S Reducer	D/S Tee with Flange	A/F Tee	A/F Cross	D/F Reducer
	(kgs)	(kgs)	(kgs)	(kgs)	(kgs)	(kgs)	(kgs)
80 x 80 mm	12.0	-	-	13.0	15.0	20.0	-
100 x 80 mm	14.0	-	8.0	15.0	17.0	-	10.0
100 x 100 mm	15.0	19.0	-	16.0	18.0	24.0	-
125 x 80 mm	17.0	-	11.0	18.0	22.0	-	11.0
150 x 80 mm	19.0	-	13.0	21.0	27.0	-	14.0
150 x 100 mm	21.0	25.0	13.0	22.0	28.0	-	13.0
150 x 125 mm	-	-	13.0	-	29.0	-	14.0
150 x 150 mm	24.0	32.0	-	27.0	31.0	39.0	-
200 x 80 mm	28.0	-	20.0	29.0	39.0	-	19.0
200 x 100 mm	30.0	34.0	20.0	31.0	40.0	-	18.0
200 x 125 mm	-	-	20.0	35.0	-	-	20.0
200 x 150 mm	34.0	40.0	19.0	36.0	43.0	-	22.0
200 x 200 mm	40.0	50.0	-	42.0	46.0	56.0	-
250 x 80 mm	36.0	-	28.0	37.0	45.0	-	26.0
250 x 100 mm	38.0	41.0	27.0	39.0	62.0	-	26.0
250 x 125 mm	-	-	27.0	-	-	-	-
250 x 150 mm	43.0	48.0	27.0	45.0	53.0	-	27.0
250 x 200 mm	49.0	58.0	27.0	51.0	69.0	-	30.0
250 x 250 mm	55.0	67.0	-	59.0	75.0	94.0	-
300 x 80 mm	48.0	-	38.0	48.0	58.0	-	32.0
300 x 100 mm	49.0	54.0	37.0	50.0	85.0	-	37.0
300 x 150 mm	55.0	61.0	37.0	57.0	68.0	-	32.0
300 x 200 mm	62.0	72.0	38.0	64.0	92.0	-	36.0
300 x 250 mm	68.0	-	35.0	73.0	82.0	-	40.0
300 x 300 mm	77.0	94.0	-	83.0	106.0	132.0	-
350 x 80 mm	58.0	-	-	57.0	76.0	-	-
350 x 100 mm	58.0	-	49.0	60.0	111.0	-	51.0
350 x 150 mm	65.0	-	49.0	68.0	87.0	-	-
350 x 200 mm	74.0	-	49.0	75.0	116.0	-	49.0
350 x 250 mm	83.0	-	47.0	85.0	105.0	-	48.0
350 x 300 mm	91.0	-	45.0	97.0	131.0	-	52.0
350 x 350 mm	100.0	-	-	108.0	139.0	172.0	-
400 x 80 mm	67.0	-	-	68.0	95.0	-	67.0
400 x 100 mm	70.0	-	59.0	72.0	140.0	-	66.0
400 x 150 mm	78.0	-	64.0	81.0	108.0	-	-
400 x 200 mm	87.0	-	63.0	89.0	145.0	-	64.0
400 x 250 mm	101.0	114.0	62.0	100.0	127.0	-	63.0
400 x 300 mm	106.0	122.0	59.0	111.0	138.0	-	61.0
400 x 350 mm	123.0	-	55.0	132.0	167.0	-	67.0
400 x 400 mm	128.0	149.0	-	139.0	176.0	216.0	-
450 x 80 mm	-	-	-	84.0	-	-	-
450 x 100 mm	87.0	-	-	89.0	175.0	-	-
450 x 150 mm	-	-	78.0	98.0	132.0	-	-
450 x 200 mm	114.0	-	-	108.0	180.0	-	-

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SIZE	A/S Tee	A/S Cross	D/S Reducer	D/S Tee with Flange	A/F Tee	A/F Cross	D/F Reducer
450 x 250 mm	116.0	-	79.0	120.0	154.0	-	-
450 x 300 mm	128.0	-	77.0	132.0	159.0	-	-
450 x 350 mm	154.0	-	73.0	-	173.0	-	-
450 x 400 mm	158.0	-	69.0	161.0	180.0	-	83.0
450 x 450 mm	165.0	-	-	178.0	219.0	268.0	-
500 x 80 mm	-	-	-	107.0	219.0	-	-
500 x 100 mm	104.0	-	103.0	107.0	220.0	-	-
500 x 150 mm	122.0	-	103.0	126.0	-	-	-
500 x 200 mm	127.0	-	103.0	129.0	224.0	-	-
500 x 250 mm	163.0	-	100.0	168.0	-	-	-
500 x 300 mm	-	-	99.0	161.0	238.0	-	-
500 x 350 mm	170.0	-	94.0	179.0	246.0	-	-
500 x 400 mm	175.0	-	89.0	186.0	253.0	-	132.0
500 x 450 mm	199.0	-	97.0	213.0	-	-	-
500 x 500 mm	207.0	-	-	227.0	276.0	380.0	-
600 x 100 mm	-	-	-	169.0	-	-	-
600 x 150 mm	170.0	-	-	171.0	-	-	-
600 x 200 mm	173.0	-	-	178.0	324.0	-	-
600 x 300 mm	223.0	-	144.0	231.0	338.0	-	-
600 x 350 mm	-	-	146.0	237.0	344.0	-	-
600 x 400 mm	231.0	-	139.0	243.0	351.0	-	155.0
600 x 500 mm	282.0	-	129.0	-	373.0	-	190.0
600 x 600 mm	307.0	-	-	339.0	399.0	536.0	-
700 x 150 mm	218.0	-	-	221.0	-	-	-
700 x 200 mm	230.0	-	-	226.0	274.0	-	-
700 x 250 mm	232.0	-	-	238.0	-	-	-
700 x 300 mm	280.0	-	-	289.0	335.0	-	-
700 x 400 mm	286.0	-	-	299.0	346.0	-	-
700 x 450 mm	373.0	-	197.0	-	-	-	-
700 x 500 mm	-	-	191.0	-	-	-	197.0
700 x 600 mm	-	-	176.0	-	-	-	237.0
700 x 700 mm	412.0	-	-	438.0	484.0	-	-
750 x 200 mm	-	-	-	-	317.0	-	-
750 x 400 mm	319.0	-	-	332.0	394.0	-	-
750 x 500 mm	-	-	206.0	-	-	-	-
750 x 600 mm	-	-	188.0	-	-	-	255.0
750 x 750 mm	474.0	-	-	510.0	570.0	-	-
800 x 200 mm	287.0	-	-	290.0	359.0	-	-
800 x 400 mm	365.0	-	-	379.0	442.0	-	-
800 x 600 mm	515.0	-	254.0	557.0	618.0	-	-
800 x 700 mm	-	-	229.0	-	-	-	288.0
800 x 800 mm	555.0	-	-	599.0	658.0	-	-
900 x 100 mm	357.0	-	-	-	-	-	-
900 x 150 mm	358.0	-	-	361.0	-	-	-
900 x 200 mm	361.0	-	-	363.0	441.0	-	-

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SIZE	A/S Tee	A/S Cross	D/S Reducer	D/S Tee with Flange	A/F Tee	A/F Cross	D/F Reducer
900 x 400 mm	454.0	-	-	465.0	537.0	-	-
900 x 600 mm	679.0	-	-	714.0	774.0	-	350.0
900 x 700 mm	-	-	321.0	-	-	-	-
900 x 800 mm	-	-	294.0	-	-	-	354.0
900 x 900 mm	745.0	-	-	783.0	845.0	-	-
1000 x 200 mm	442.0	-	-	444.0	576.0	-	-
1000 x 400 mm	550.0	-	-	561.0	687.0	-	-
1000 x 600 mm	861.0	-	-	897.0	1,006.0	-	-
1000 x 800 mm	-	-	401.0	-	-	-	-
1000 x 900 mm	-	-	364.0	-	-	-	448.0
1000 x 1000 mm	947.0	-	-	1,017.0	1,129.0	-	-

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