

## Nyloplast Drop In Grates

### Applications

Nyloplast Drop In Grates are commonly used in non-traffic applications such as green spaces as well as atrium walkway areas. The Drop In grates are designed to fit most pipe types such as ADS N-12, PVC Sewer SDR35, PVC Schedule 40 and so on. They are light weight and easy to install while maintaining the durability of a ductile iron casting making them extremely versatile for an assortment of different applications.

### Specifications

Nyloplast Drop In Grates conform to ASTM A536 grade 70-50-05 for ductile iron castings. These grate designs are not load rated like some of our other casting designs and therefore should not be used in vehicular traffic applications.

### Inlet Capacity Information



6" Drop In Grate



8" Drop In Grate



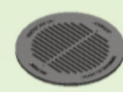
10" Drop In Grate



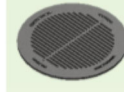
12" Drop In Grate



15" Drop In Grate



18" Drop In Grate



24" Drop In Grate

NYLOPLAST INLET CAPACITY CHART DATA									
NYLOPLAST CASTINGS	GRATE SIZES	GRATE OPEN AREA (sq.in.)	PERIMETER OF GRATE OPENINGS (in.)	FLOW RATE AT DIFFERENT HEAD PRESSURES (cfs)				CHANGE OVER FROM WEIR FLOW TO ORIFICE FLOW	
				0.25' (3")	0.50' (6")	0.75' (9")	1.00' (12")	FLOW (cfs)	HEAD (ft)
DROP IN GRATES	6 IN	9.98	16.47	0.165	0.230	0.285	0.330	0.085	0.065
	8 IN	19.30	22.29	0.320	0.450	0.555	0.640	0.180	0.090
	10 IN	32.80	28.58	0.550	0.770	0.950	1.080	0.410	0.130
	12 IN	39.75	33.70	0.680	0.950	1.150	1.290	0.490	0.140
	15 IN	62.03	41.78	1.049	1.450	1.790	2.060	0.855	0.175
	18 IN	84.61	48.69	1.400	1.950	2.430	2.800	1.280	0.210
	24 IN	164.94	66.76	2.300	3.800	4.750	5.450	3.000	0.300

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