Nyloplast Grate Inlet Capacity Charts

These charts are based on equations from the USDOT/FAA Advisory Circular pertaining to Surface Drainage Design, AC No: AC150/5320-5C and the USDOT/FHWA Urban Drainage Design Manual, Hydraulic Engineering Circular No. 22, Third Edition, Publication No. FHWA-NHI-10-009. Certain assumptions have been made, and no two installations will necessarily perform the same way. Safety factors should change with site conditions and is left to the discretion of the design engineer.
Nyloplast 8" Drop In Grate Inlet Capacity Chart

Capacity (cfs) vs Head (ft) chart.
Nyloplast 12" Drop In Grate Inlet Capacity Chart
Nyloplast 24" Drop In Grate Inlet Capacity Chart
Nyloplast 12" Standard Grate Inlet Capacity Chart
Nyloplast 30" Standard Grate Inlet Capacity Chart
Nyloplast 18” Pedestrian Grate Inlet Capacity Chart

Capacity (cfs)

Head (ft)
Nyloplast 24" Pedestrian Grate Inlet Capacity Chart

Capacity (cfs) vs. Head (ft)

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Nyloplast 30" Pedestrian Grate Inlet Capacity Chart

Capacity (cfs)

Head (ft)
Nyloplast 10" Bronze Grate Inlet Capacity Chart
Nyloplast 8" Dome Grate Inlet Capacity Chart
Nyloplast 10" Dome Grate Inlet Capacity Chart
Nyloplast 12" Dome Grate Inlet Capacity Chart
Nyloplast 15" Dome Grate Inlet Capacity Chart
Nyloplast 24” Dome Grate Inlet Capacity Chart

Capacity (cfs) vs. Head (ft) graph for Nyloplast 24” Dome Grate.
Nyloplast 30" Dome Grate Inlet Capacity Chart
Nyloplast 2' x 2' Curb Inlet Diagonal Grate Inlet Capacity Chart

High Hood Setting (8.47" Curb Setting)

Mid Hood Setting (6.47" Curb Setting)

Low Hood Setting (4.47" Curb Setting)
Nyloplast 2' x 3' Curb Inlet Diagonal Grate Inlet Capacity Chart

High Hood Setting
(8.47” Curb Setting)

Mid Hood Setting
(6.47” Curb Setting)

Low Hood Setting
(4.47” Curb Setting)
Nyloplast 2’ x 3’ Curb Inlet High Flow Grate Inlet Capacity Chart

- High Hood Setting (8.47” Curb Setting)
- Mid Hood Setting (6.47” Curb Setting)
- Low Hood Setting (4.47” Curb Setting)
Nyloplast 2' x 3' Roll Curb Inlet & High Flow Grate Inlet Capacity Chart