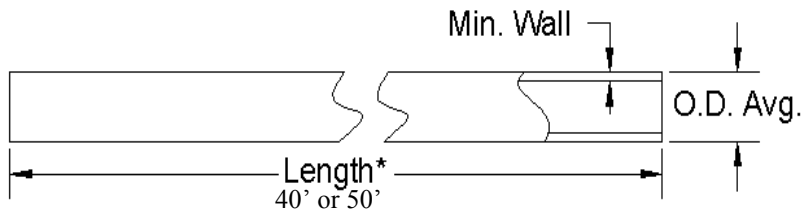


HDPE 4710 IPS & DIPS PRESSURE PIPE (4, 6")

Scope: This submittal designates the general requirements for High Density Poly-Ethylene Pressure Pipe from compound with a cell classification PE345464C as defined in ASTM Standard D-3350.

Pipe: All pipe is manufactured in accordance with the specifications set-forth in AWWA C906 "Standard for Polyethylene (PE) Pressure Pipe and Fittings, 4 inch (100 mm) Through 63 inch (1,600 mm), for Water Distribution and Transmission." This product also meets the requirements of ASTM Standard F-714, is listed with NSF meeting standard 14 & 61 requirements, and is approved for potable drinking water applications. Black in color our PE 3408/3608 pressure pipe is manufactured from a HDPE Resin listed in PPI TR4 meeting a 1600-PSI Hydrostatic Design Basis. National Pipe & Plastics offers black pipe with or without 3 evenly spaced stripes in colors corresponding to their intended applications. **Please Note: Pipe intended for Force Main Sewer (3 Green Stripes) and Reclaimed Water (3 Purple Stripes) are not suitable for potable water applications.**

(Plain Black: Potable Water Blue Stripes: Potable Water Green Stripes: Force Main Sewer Purple Stripes: Reclaimed Water)



Pipe Size and Dimensions

General					IPS		DIPS	
Nominal Size (in)	Metric (mm)	Dimension Ratio (DR)	Approvals	Pressure Class (psi)	OD Avg.	Minimum Wall	OD Avg.	Minimum Wall
4	100	21	NSF	100	4.500	.214	4.800	.229
		17	NSF	125		.265		.282
		13.5	NSF	160		.333		.356
		11	NSF	200		.409		.436
		9	NSF	250		.500		.533
		7.3*	NSF	318		.616		.658
		7	NSF	333		.643		.686
6	150	21	NSF	100	7.125	.315	6.900	.329
		17	NSF	125		.390		.406
		13.5	NSF	160		.491		.511
		11	NSF	200		.602		.627
		9	NSF	250		.736		.767
		7.3*	NSF	318		.908		.907
		7	NSF	333		.946		.946

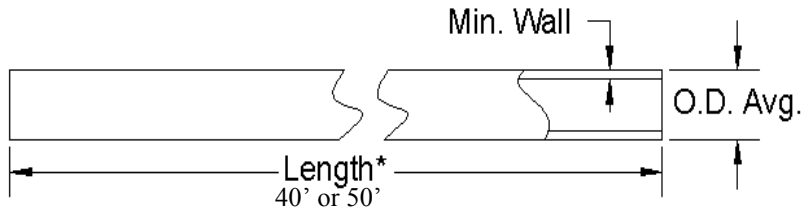
* Contact for availability

HDPE 4710 IPS & DIPS PRESSURE PIPE (8, 10")

Scope: This submittal designates the general requirements for High Density Poly-Ethylene Pressure Pipe from compound with a cell classification PE345464C as defined in ASTM Standard D-3350.

Pipe: All pipe is manufactured in accordance with the specifications set-forth in AWWA C906 "Standard for Polyethylene (PE) Pressure Pipe and Fittings, 4 inch (100 mm) Through 63 inch (1,600 mm), for Water Distribution and Transmission." This product also meets the requirements of ASTM Standard F-714, is listed with NSF meeting standard 14 & 61 requirements, and is approved for potable drinking water applications. Black in color our PE 3408/3608 pressure pipe is manufactured from a HDPE Resin listed in PPI TR4 meeting a 1600-PSI Hydrostatic Design Basis. National Pipe & Plastics offers black pipe with or without 3 evenly spaced stripes in colors corresponding to their intended applications. **Please Note: Pipe intended for Force Main Sewer (3 Green Stripes) and Reclaimed Water (3 Purple Stripes) are not suitable for potable water applications.**

(Plain Black: Potable Water Blue Stripes: Potable Water Green Stripes: Force Main Sewer Purple Stripes: Reclaimed Water)



Pipe Size and Dimensions

General					IPS		DIPS	
Nominal Size (in)	Metric (mm)	Dimension Ratio (DR)	Approvals	Pressure Class (psi)	OD Avg.	Minimum Wall	OD Avg.	Minimum Wall
8	200	21	NSF	100	8.625	.411	9.050	.431
		17	NSF	125		.507		.532
		13.5	NSF	160		.639		.670
		11	NSF	200		.784		.823
		9	NSF	250		.958		1.006
		7.3*	NSF	318		1.182		1.240
		7	NSF	333		1.232		1.293
10	250	21	NSF	100	10.750	.512	11.100	.529
		17	NSF	125		.632		.653
		13.5	NSF	160		.796		.822
		11	NSF	200		.977		1.009
		9	NSF	250		1.194		1.233
		7.3*	NSF	318		1.473		1.521
		7	NSF	333		1.536		1.586

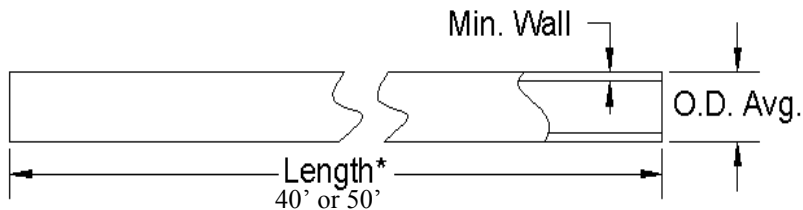
* Contact for availability

HDPE 4710 IPS & DIPS PRESSURE PIPE (12")

Scope: This submittal designates the general requirements for High Density Poly-Ethylene Pressure Pipe from compound with a cell classification PE345464C as defined in ASTM Standard D-3350.

Pipe: All pipe is manufactured in accordance with the specifications set-forth in AWWA C906 "Standard for Polyethylene (PE) Pressure Pipe and Fittings, 4 inch (100 mm) Through 63 inch (1,600 mm), for Water Distribution and Transmission." This product also meets the requirements of ASTM Standard F-714, is listed with NSF meeting standard 14 & 61 requirements, and is approved for potable drinking water applications. Black in color our PE 3408/3608 pressure pipe is manufactured from a HDPE Resin listed in PPI TR4 meeting a 1600-PSI Hydrostatic Design Basis. National Pipe & Plastics offers black pipe with or without 3 evenly spaced stripes in colors corresponding to their intended applications. **Please Note: Pipe intended for Force Main Sewer (3 Green Stripes) and Reclaimed Water (3 Purple Stripes) are not suitable for potable water applications.**

(Plain Black: Potable Water Blue Stripes: Potable Water Green Stripes: Force Main Sewer Purple Stripes: Reclaimed Water)



Pipe Size and Dimensions

General					IPS		DIPS	
Nominal Size (in)	Metric (mm)	Dimension Ratio (DR)	Approvals	Pressure Class (psi)	OD Avg.	Minimum Wall	OD Avg.	Minimum Wall
12	300	21	NSF	100	12.750	.607	13.200	.629
		17	NSF	125		.750		.776
		13.5	NSF	160		.944		.978
		11	NSF	200		1.159		1.200
		9	NSF	250		1.417		1.467
		7.3*	NSF	318		1.747		1.808
		7	NSF	333		1.821		1.886

* Contact for availability



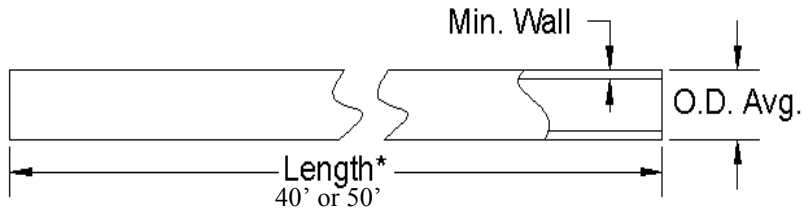
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HDPE 4710 IPS & DIPS PRESSURE PIPE (14, 16")

Scope: This submittal designates the general requirements for High Density Poly-Ethylene Pressure Pipe from compound with a cell classification PE345464C as defined in ASTM Standard D-3350.

Pipe: All pipe is manufactured in accordance with the specifications set-forth in AWWA C906 "Standard for Polyethylene (PE) Pressure Pipe and Fittings, 4 inch (100 mm) Through 63 inch (1,600 mm), for Water Distribution and Transmission." This product also meets the requirements of ASTM Standard F-714, is listed with NSF meeting standard 14 & 61 requirements, and is approved for potable drinking water applications. Black in color our PE 3408/3608 pressure pipe is manufactured from a HDPE Resin listed in PPI TR4 meeting a 1600-PSI Hydrostatic Design Basis. National Pipe & Plastics offers black pipe with or without 6 evenly spaced stripes in colors corresponding to their intended applications. **Please Note: Pipe intended for Force Main Sewer (6 Green Stripes) and Reclaimed Water (6 Purple Stripes) are not suitable for potable water applications.**

(Plain Black: Potable Water Blue Stripes: Potable Water Green Stripes: Force Main Sewer Purple Stripes: Reclaimed Water)



Pipe Size and Dimensions

General				IPS		DIPS	
Nominal Size (in)	Metric (mm)	Dimension Ratio (DR)	Pressure Class (psi)	OD Avg.	Minimum Wall	OD Avg.	Minimum Wall
14	350	21	100	14.000	.667	15.300	.729
		17	125		.824		.900
		13.5	160		1.037		1.133
		11	200		1.273		1.391
		9	250		1.556		1.700
		7.3*	318		1.918		2.096
		7	333		2.000		2.186
16	400	21	100	16.000	.762	17.400	.829
		17	125		.941		1.024
		13.5	160		1.185		1.289
		11	200		1.455		1.582
		9	250		1.778		1.933
		7.3*	318		2.192		2.384
		7	333		2.286		2.486

* Contact for availability

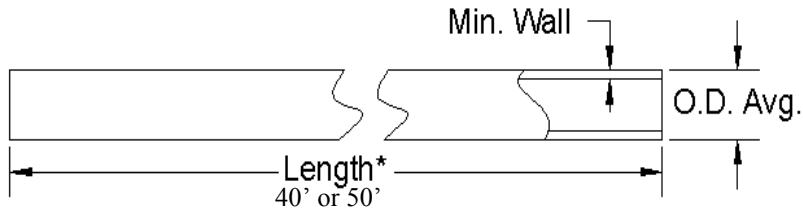
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HDPE 4710 IPS & DIPS PRESSURE PIPE (18, 20")

Scope: This submittal designates the general requirements for High Density Poly-Ethylene Pressure Pipe from compound with a cell classification PE345464C as defined in ASTM Standard D-3350.

Pipe: All pipe is manufactured in accordance with the specifications set-forth in AWWA C906 "Standard for Polyethylene (PE) Pressure Pipe and Fittings, 4 inch (100 mm) Through 63 inch (1,600 mm), for Water Distribution and Transmission." This product also meets the requirements of ASTM Standard F-714, is listed with NSF meeting standard 14 & 61 requirements, and is approved for potable drinking water applications. Black in color our PE 3408/3608 pressure pipe is manufactured from a HDPE Resin listed in PPI TR4 meeting a 1600-PSI Hydrostatic Design Basis. National Pipe & Plastics offers black pipe with or without 6 evenly spaced stripes in colors corresponding to their intended applications. **Please Note: Pipe intended for Force Main Sewer (6 Green Stripes) and Reclaimed Water (6 Purple Stripes) are not suitable for potable water applications.**

(Plain Black: Potable Water Blue Stripes: Potable Water Green Stripes: Force Main Sewer Purple Stripes: Reclaimed Water)



Pipe Size and Dimensions

General				IPS		DIPS	
Nominal Size (in)	Metric (mm)	Dimension Ratio (DR)	Pressure Class (psi)	OD Avg.	Minimum Wall	OD Avg.	Minimum Wall
18	450	21	100	18.000	.857	19.500	.929
		17	125		1.059		1.147
		13.5	160		1.333		1.444
		11	200		1.636		1.773
		9	250		2.000		2.167
		7.3*	318		2.446		2.672
		7	333		2.571		2.786
20	500	21	100	20.000	.952	21.600	1.029
		17	125		1.176		1.271
		13.5	160		1.481		1.600
		11	200		1.818		1.964
		9	250		2.222		2.400

* Contact for availability





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HDPE (4710)

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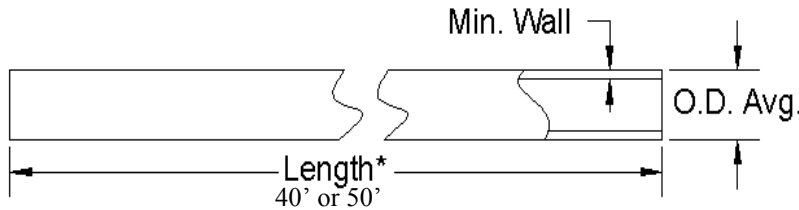
3421 Old Vestal Road, Vestal, NY 13850
800.836.4350 607.729.9381 Fax: 607.729.6130

HDPE 4710 IPS & DIPS PRESSURE PIPE (24")

Scope: This submittal designates the general requirements for High Density Poly-Ethylene Pressure Pipe from compound with a cell classification PE345464C as defined in ASTM Standard D-3350.

Pipe: All pipe is manufactured in accordance with the specifications set-forth in AWWA C906 "Standard for Polyethylene (PE) Pressure Pipe and Fittings, 4 inch (100 mm) Through 63 inch (1,600 mm), for Water Distribution and Transmission." This product also meets the requirements of ASTM Standard F-714, is listed with NSF meeting standard 14 & 61 requirements, and is approved for potable drinking water applications. Black in color our PE 3408/3608 pressure pipe is manufactured from a HDPE Resin listed in PPI TR4 meeting a 1600-PSI Hydrostatic Design Basis. National Pipe & Plastics offers black pipe with or without 6 evenly spaced stripes in colors corresponding to their intended applications. **Please Note: Pipe intended for Force Main Sewer (6 Green Stripes) and Reclaimed Water (6 Purple Stripes) are not suitable for potable water applications.**

(Plain Black: Potable Water Blue Stripes: Potable Water Green Stripes: Force Main Sewer Purple Stripes: Reclaimed Water)



Pipe Size and Dimensions

General				IPS		DIPS	
Nominal Size (in)	Metric (mm)	Dimension Ratio (DR)	Pressure Class (psi)	OD Avg.	Minimum Wall	OD Avg.	Minimum Wall
24	600	21	100	24.000	1.143	25.800	1.229
		17	125		1.412		1.518
		13.5	160		1.778		1.911
		11	200		2.182		2.345
		9	250		2.667		2.867

