



Submittal - 024 Pump Station

DURA-BLUE Plastic Pipe (Submittal on the following page(s), this sheet is the response page)

Response:

MKEC ENGINEERING, INC.
411 North Webb Road -- Wichita, KS 67206

Reviewed Reviewed As Noted
 Revise and Resubmit Rejected
 Not Required by the Contract Documents

Reviewed for conformance with the design concept of the project and compliance with the information given in the contract documents. Contractor is responsible for: dimensions to be confirmed and correlated at the job site; information that pertains solely to the fabrication process or to techniques of construction; and coordination of work of all other trades. If "Resubmit" or "Rejected" are not checked resubmission is neither desired or required.

Billy Sherrill Date: *6-28-16*



DURA-BLUE®

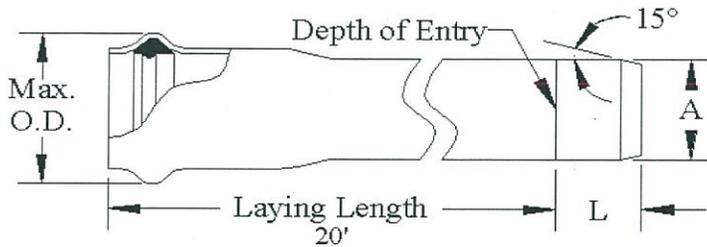
Corporate Offices
 New York Plant
 3421 Old Vestal Road, Vestal, NY 13850
 800.836.4350 607.729.9381 Fax: 607.729.6130

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PVC MUNICIPAL WATER TRANSMISSION PIPE (14 - 24")

Scope: This submittal designates the general requirements for Unplasticized Polyvinyl Chloride Municipal Water Pipe from compound with a cell classification 12454 as defined in ASTM Standard D-1784.

Pipe: All pipe shall meet the requirements of AWWA C905, UL 1285, CSA B137.3 and BNQ NQ3624-250 Standards, as indicated in the table below, for potable water transmission mains and fire protection systems. Our pipe meets National Sanitation Foundation Standards NSF® 61-G, NSF® 14, NSF® pw-G (Potable Water), and NSF® fs (Underground Fire Service per UL1285 Standard). The gasketed joint shall meet the requirements of ASTM D-3139, and the joint gasket shall conform to ASTM F-477. Pipe shall be furnished in laying lengths of 20' (+/- 1"). Other lengths may be available upon request.



This product is manufactured in alternative colors for specific applications. **Purple** for Reclaimed Water application. Print legend will include the marking "Reclaimed Water". **Green** for Sanitary Sewer Force Main applications. Print legend will include "Force Main". Although manufactured in accordance with the same industrial standards and testing requirements, these products do not bear the NSF, CSA & BNQ Listing Mark, as they are used for different applications

Purple preferred if no additional cost.

C-905 Water Pipe Size and Dimensions

Nominal Size (in)	Metric (mm)	Dimension Ratio (DR)	Approvals	Pressure Class (psi)	"A" Average (OD) Outside Diameter	Minimum Wall	Max OD Reference	"L" Dimension (Min/Max)
14	350	25	NSF, CSA	165	15.300	.612	18.750	8.000
		21	NSF	200		.729	18.750	-
		18	NSF, CSA, BNQ	235		.850	18.750	8.500
16	400	25	NSF, CSA	165	17.400	.696	21.000	9.750
		21	NSF	200		.829	21.000	-
		18	NSF, CSA, BNQ	235		.967	21.000	10.250
18	450	25	NSF	165	19.500	.780	24.000	10.500
		21	NSF	200		.929	24.000	-
		18	NSF	235		1.083	24.000	11.000
20	500	25	NSF, CSA	165	21.600	.864	26.000	10.500
		21	NSF	200		1.029	26.000	-
		18	NSF	235		1.200	26.000	11.000
24	600	41		100	25.800	.629	31.000	11.000 - 12.000
		32.5	NSF	125		.794	31.000	
		25	NSF	165		1.032	31.000	
		21	NSF	200		1.229	31.000	
		18	NSF	235		1.433	31.000	



UL1285