

Best Water! Best Service!



GARDNERVILLE WATER COMPANY - THRUST BLOCK TABLE (G-6)

BEARING AREA (SQUARE FEET)				
PIPE SIZE	REDUCER			
	6"	8"	10"	12"
6"	—	3.5	8.0	15.6
8"		—	4.5	10.1
10"			—	5.5
12"				—

BEARING AREA (SQUARE FEET)					
PIPE SIZE	BENDS - DEFLECTION			TEE SIDE OUTLET SIZE	DEADEND
		23° TO 45°	46° TO 90°		
6"	1.8	3.5	6.4	4.5	4.5
8"	3.1	6.2	11.4	8.0	8.0
10"	4.9	9.6	17.8	12.6	12.6
12"	7.1	13.9	25.6	18.1	18.1

THRUST BLOCKS ARE BASED ON 200 PSI TEST PRESSURE 1500 PSF BEARING, PRESSURE AND 1.5 SAFETY FACTOR. ENCASEMENT OF PIPELINE SHALL BE REQUIRED WHERE BEARING AREA IS TOO LARGE FOR CONVENTIONAL THRUST BLOCKS.

IN LIEU OF THIS SPECIFICATION THE CONTRACTOR MAY USE DRAWING NO. 307 "THRUST BLOCK BEARING AREAS", IN THE STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION.

NO.	REVISION	DATE	GARDNERVILLE WATER COMPANY - STANDARD DETAIL	DRAWING NO.	
1	2022 UPDATES	09/22	THRUST BLOCK TABLE	G-6	
				DATE:	PAGE:
				09/22	6