



Ductile Iron Wall Sleeves

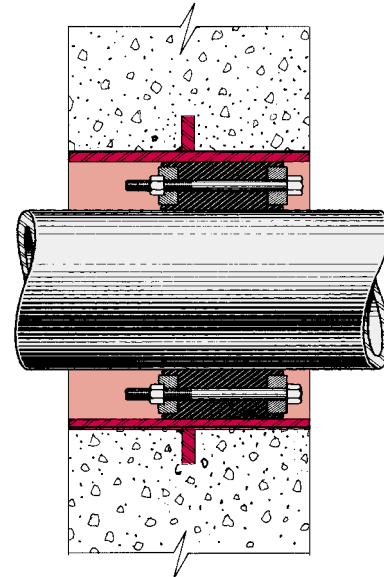


ANSI A21.51 • NAPF 700

Plain end ductile iron wall sleeves are employed (with rubber sealing link arrangements) to provide a watertight seal around pipe penetrations through concrete walls. When compressed, the rubber links expand to fill the annular space between the outside of the carrier pipe and the inside surface of the wall sleeve. Ductile iron wall collars are attached to the OD of the sleeve by means of automatic arc welding to achieve a watertight seal.

STANDARDS

Sleeves are fabricated from ductile iron pipe conforming to ANSI/AWWA C151/A21.51. Unless noted otherwise, the nominal wall thickness dimensions conform to Class 53. Wall collars are ductile iron conforming to ASTM A536 to the dimensions referenced in ANSI/AWWA C115/A21.15 Appendix C. Collars are attached per ANSI/AWWA C115/A21.15 Appendix C and NAPF 700.



Ductile Iron Wall Sleeve Selection Chart

DI Carrier Pipe Size	DI Wall Sleeve			
	Pipe Size	OD	ID	WC OD (Min.)
3	6	6.90	6.22	10.00
4	8	9.05	8.33	12.50
6	10	11.10	10.34	14.50
8	12	13.20	12.40	16.50
10	14	15.30	14.46	18.40
12	16	17.40	16.54	21.00
14	18	19.50	18.62	23.10
16	20	21.60	20.70	25.70
18	24	25.80	24.86	30.00
20	24	25.80	24.86	30.00
24	30	32.00	30.98	37.00
30	36	38.30	37.14	43.40
36	42	44.50	43.20	49.50

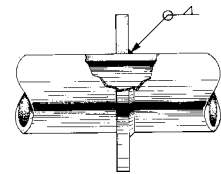
COATINGS & LININGS

Unless otherwise specified, ductile iron wall sleeves are furnished with a bituminous coating and lining per ANSI/AWWA C151/A21.51. Special primers, epoxies and other special coatings are available upon request.

LENGTH

Wall sleeves, though generally no longer than the thickness of the concrete wall, may be ordered up to 20'0" in length.

NOTE: The critical positioning of wall sleeves within forms may require the overall length tolerance be revised to +0/-0.125". These installations must be specified by the purchaser.



Note: Design subject to change without notice.

Form No. FP0040

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