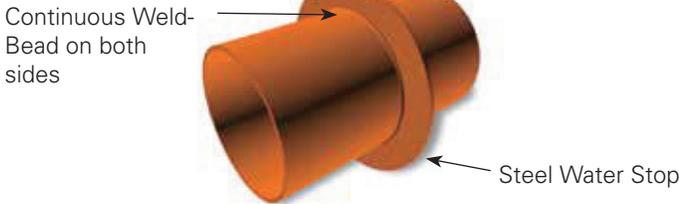


Also offered in stainless steel-316

WS Steel Wall Sleeves

WS Wall Sleeves are constructed from steel and available in a wide range of diameters and lengths. They are an excellent choice for installations where the Link-Seal® Modular Seal and WS sleeve assembly would be subject to extremely high temperatures or where fire seals are specified.



WS STEEL WALL SLEEVE SPECIFICATION

Provide WS Steel sleeves for all pipes passing through concrete or masonry structures. The WS Sleeves shall be provided free of welding slag. WS Steel Sleeve sizes through 10" shall be Schedule 40 Steel Pipe or standard wall thickness. WS Steel Sleeve sizes 12" and larger shall have a .375" or standard wall thickness. WS Sleeves through wall shall be cast in place and the pipe shall be installed centered in sleeve. The 2" collar, (water-stop) shall be the same type of steel as the WS sleeve. The collar shall be welded all around on both sides to the sleeve at the point on the sleeve that positions it at the mid-point of the structural wall when the sleeve is in place. The WS Steel Sleeve w/water-stop shall be primed inside and outside with Sherwin Williams Water Base Red Primer or approved equivalent.

MODEL WS (12" LENGTH)

Model	I.D.	Lbs.	Kg.
WS-2-15-S-12	2.07	5.53	2.51
WS-2½-20-S-12	2.47	7.91	3.58
WS-3-21-S-12	3.07	9.93	4.51
WS-3½-22-S-12	3.55	11.70	5.31
WS-4-23-S-12	4.03	13.61	6.17
WS-5-25-S-12	5.05	17.91	8.12
WS-6-28-S-12	6.07	22.73	10.31
<u>ws</u> -6-18-S-12	6.25	14.82	6.72
WS-8-32-S-12	7.98	33.55	15.22
<u>ws</u> -8-18-S-12	8.25	21.94	9.95
WS-10-36-S-12	10.02	46.12	20.92
<u>ws</u> -10-25-S-12	10.25	33.67	15.27
WS-12-37-S-12	12.00	60.14	27.28
WS-14-37-S-12	13.25	62.04	28.14
WS-16-37-S-12	15.25	71.04	32.22
WS-18-37-S-12	17.25	79.98	36.28
WS-20-37-S-12	19.25	90.00	40.82
WS-22-37-S-12	21.25	98.00	44.45
WS-24-37-S-12	23.25	107.00	48.53

NOTE: ws rolled sleeves (6" & 8") = .1875" wall thickness; (10") = .25" wall thickness. Intermediate sleeves available, model information on-line in a pdf file. See page 26 for Wall Sleeve ordering guide



Model WS Painted and Galvanized Steel Wall Sleeves are an excellent choice for installations where the Link-Seal® Modular Seal and WS sleeve assembly would be subject to extremely high temperatures or where fire seals are specified.



WS Intermediate Sleeves are used in conjunction with Link-Seal® Modular Seals to seal all pipes passing through concrete or masonry structures that require two belts of seals to fill the annular space between pipe and wall. Please see page 21, sealing an oversize annulus.



Model WS Split Sleeves are used for installations where an existing pipe run needs to penetrate a wall yet to be constructed. During wall installation a split sleeve is welded around the existing pipe and positioned in the form to center the pipe. After installation a Link-Seal® Modular Seal is used to seal the annular space between split sleeve and pipe.

