



Smith-Blair
a xylem brand

Model 452 Couplings For Steel Pipe

2"-12" Nominal Pipe Sizes

Smith-Blair Model 452 Couplings for Steel Pipe are designed with push on gaskets. They are engineered to simplify installation and ensure a tight seal.

The couplings are designed with similar attributes as the Standard E Series Seal Only couplings, and are offered as an economical option for customers in the oilfield and natural gas industries.

The Model 452 Couplings can be used to connect IPS steel pipes with 2"-12" diameters.

Material Specifications

Middle Ring:	ASTM A53, ASTM A513 or carbon steel having a minimum yield of 30,000 PSI.
Followers:	High strength, low alloy steel-Gr. 80 Optional: Ductile Iron ASTM A536
Gaskets:	Nitrile (Buna N)- Viton and EPDM optional
Temperature:	-20°F-180°F
Bolts and Nuts:	High strength low alloy steel with heavy semi-finished hexagon nuts to ASTM A-307 (ANSI A21.11) standards
Pressure Rating:	150 PSIG
Finish:	Red Fusion Bonded Epoxy

Material Specifications are subject to change.



Features:

- Simple to install
- No special tools or training
- Pipes may be misaligned during installation
- Fusion bonded epoxy coating finish



Smith-Blair, Inc. products are marked in accordance with D.O.T. Regulation 192, Paragraph 192.63 (A) (2).

PIPE		Catalog Number	FOLLOWER	SLEEVE		BOLTS			Weight
Nom. Size	O.D.		Outside Diameter	Thickness	Length	Diameter	Length	No.	
2	2.38	452-00023861-003 452-00023862-003 452-00023870-003	5.31	.120	5 7 12	5/8	8 10.5 15	3	7 10 13
2.5	2.88	452-00028801-003 452-00028802-003 452-00028810-003	6.50	.203	5 7 12	5/8	8 10.5 15	3	13 14 17
3	3.50	452-90035001-003 452-90035002-003 452-90035010-003	8.03	.203	5 7 12	5/8	8 10.5 15	3	12 15 21
4	4.50	452-90045001-003 452-90045002-003 452-90045010-003	9.05	.203	5 7 12	5/8	8 10.5 15	4	12 14 21
6	6.63	452-90066301-003 452-90066302-003 452-90066310-003 452-90066311-003	11.50	.250	5 7 12 16	5/8	8 10.5 15 19.5	6	22 26 35 46
8	8.63	452-90086301-003 452-90086302-003 452-90086310-003 452-90086311-003	13.50	.250	5 7 12 16	5/8	8 10.5 15 19.5	6	28 32 43 57
10	10.75	452-90107501-003 452-90107502-003 452-90107510-003 452-90107511-003	15.60	.250	5 7 12 16	5/8	8 10.5 15 19.5	8	34 40 54 71
12	12.75	452-90127501-003 452-90127502-003 452-90127510-003 452-90127511-003	17.60	.250	5 7 12 16	5/8	8 10.5 15 19.5	8	39 46 61 81