

STOPPLE® Fittings

ASME B31.4

Sizes 4- to 12- & 16-inch



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New fittings incorporate a designed and manufactured offset allowing the placement of back-up strips

- **STOPPLE® Fitting**
LOCK-O-RING® Plug, Blind flange, studs, nuts and gasket sold separately

Description

STOPPLE® Fittings are 4- to 12-inch & 16-inch full-branch split tees designed for use with the TDW STOPPLE plugging system. They meet B31.4 specifications for use in pipeline transportation systems for liquid hydrocarbons and other liquids. STOPPLE Fittings are furnished with LOCK-O-RING® Flanges to accept a LOCK-O-RING Completion Plug, permitting removal of the tapping valve after work is completed.

Features

Flange-to-sleeve weld joints and sleeves are designed to meet pressure and reinforcement requirements of ASME codes, and are available in Class 150 and 300. Other ASME Class ratings available upon request.

Fittings are manufactured with a controlled carbon equivalent to make welding easier in harsh environments. Back-up strips are provided for all fittings.

All pressure-containing welds on the fittings have undergone X-ray inspection per ASME requirements.

Fitting sleeves are an extruded type design. They are manufactured from a pressure-vessel quality, normalized, killed carbon steel plate with hardness below Rc22.

The Charpy impact value of the sleeves at -50°F is 15 ft-lbs average with 12 ft-lbs minimum.

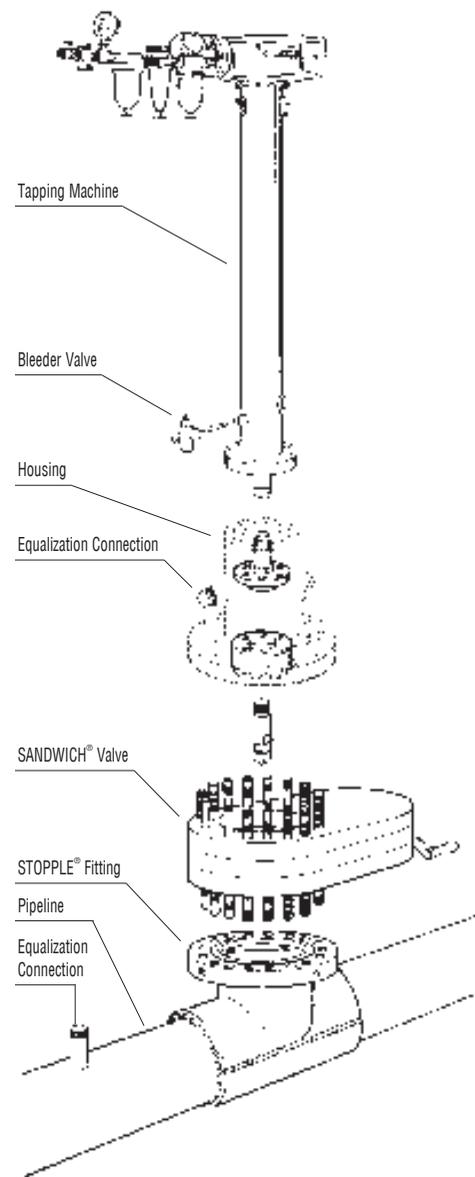
Options

- **Rapid delivery:** If the desired fitting meets standard specifications, it can be shipped from stock or within two weeks in most cases.
- **Choice of flanges.**
- **Available also to ASME B31.3 and B31.8 specifications**

Use the grid inside to develop the part number for the STOPPLE fitting of your choice*

Contact the factory for information concerning ordering of split sleeves (tees).

*Please confirm your choice with a Factory Representative



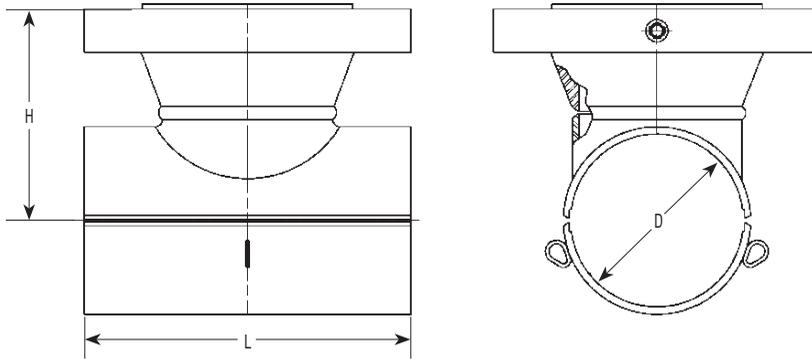


STOPPLE® Fittings - ASME B31.4

Example

36-1043-0430-11 is a STOPPLE® Fitting with 4" (run) x 4" (branch), with an RF standard weight, standard material flange, Buna-N o-ring, class 300, and A 537 CL. 1 TDW Std. sleeve material with back-up strips.

36 - 1043 - XXXX - XX



STOPPLE® Fitting Size

Inches (Nom.)	Dim. H (Inches)		Dim. L Inches	Dim D Inches
	Class 150	Class 300		
04	7.015	7.015	10.75	4.656
06	8.828	8.828	14.00	6.781
08	10.156	10.156	16.50	8.812
10	10.218	11.218	20.00	10.938
12	12.406	12.906	22.00	12.938
16	16.172	16.172	30.00	16.218

STOPPLE® Fitting Design Code

Part Number	Option
15	150 LB
30	300 LB

Flange and O-Ring Material

Option	Flange/O-Ring Material	O-Ring Temp. Ratings
1X	A105 w/ Buna-N O-Rings	212° F
3X	A105 w/ NEOPRENE O-Rings	225° F
5X	A105 w/ VITON O-Rings	400° F
7X	A105 w/ EPDM O-Rings	250° F / 500° F Steam

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Sleeve Material

Option	Sleeve Material
X1	A537 CL1
X2	A516 GR 70

Fitting Weights and Pressure Ratings

Size Inches (Nom.)	Weight (lbs.)		MAOP (in psi) @ -20 to 100°F with .72 Design Factor	
	Class 150	Class 300	Class 150	Class 300
04	55	60	285	740
06	90	100	285	740
08	135	140	285	740
10	190	190	285	740
12	300	300	285	740
16	580	600	285	740