STOPPLE® Fittings

ASME B31.3 - Sizes 4- through 12- & 16-inch

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

Description

STOPPLE® Fittings are 4- through 12- & 16-inch full-branch split tees designed for use with the TDW STOPPLE plugging system. They meet B31.3 specifications for use in refinery and chemical plant piping systems. 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, 300 and 600. 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.

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 B31.4 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

Toll Free
1-888-TDWmSon (839-6766)
### Example

36-1041-0630-11 is a STOPPLE® Fitting with 6” (run) x 6” (branch), with an RF standard weight flange, A105 TDW std. flange material, BUNA-N o-rings, class 300, and A 537 CL. 1 TDW Std. sleeve material with back-up strips.

### STOPPLE® Fitting Size

<table>
<thead>
<tr>
<th></th>
<th></th>
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<tr>
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### Flange and O-Ring Material

<table>
<thead>
<tr>
<th>Option</th>
<th>Flange/O-Ring Material</th>
<th>O-Ring Temp Ratings</th>
</tr>
</thead>
<tbody>
<tr>
<td>1X</td>
<td>A105 w/ Buna-N O-Rings</td>
<td>212°F</td>
</tr>
<tr>
<td>2X</td>
<td>A694 F46 w/ Buna-N O-Rings</td>
<td>(See Note)</td>
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<tr>
<td>3X</td>
<td>A105 w/ NEOPRENE O-Rings</td>
<td>225°F</td>
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<td>4X</td>
<td>A694 F46 w/ NEOPRENE O-Rings</td>
<td>(See Note)</td>
</tr>
<tr>
<td>5X</td>
<td>A105 w/ VITON O-Rings</td>
<td>400°F</td>
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<tr>
<td>6X</td>
<td>A694 F46 w/ VITON O-Rings</td>
<td>(See Note)</td>
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<tr>
<td>7X</td>
<td>A105 w/ EPDM O-Rings</td>
<td>250°F / 500°F Steam</td>
</tr>
<tr>
<td>8X</td>
<td>A694 F46 w/ EPDM O-Rings</td>
<td>(See Note)</td>
</tr>
</tbody>
</table>

Note: Standard flange material for 4- through 12-inch is A105, 16-inch is A694 F46.

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### Sleeves Material

<table>
<thead>
<tr>
<th>Option</th>
<th>Sleeve Material</th>
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<tbody>
<tr>
<td>X1</td>
<td>A537 CL1</td>
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<tr>
<td>X2</td>
<td>A516 GR 70</td>
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</table>

### Fitting Weights and Pressure Ratings

<table>
<thead>
<tr>
<th>Size (Inches)</th>
<th>Weight (lbs.) Class 150</th>
<th>Weight (lbs.) Class 300</th>
<th>Weight (lbs.) Class 600</th>
<th>MAOP (in psi) @ -20 to 100°F</th>
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</thead>
<tbody>
<tr>
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<td>580</td>
<td>600</td>
<td>700</td>
<td>285</td>
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</tbody>
</table>

Consult factory for other pressure and temperature requirements.
Pressure and Temperature Ratings

4-, 6- and 8-inch 150 LB A105 Flange
and A537 CL1 or A516 GR 70 Sleeve

Pressure - PSI

Temperature - ºF

Pressure and Temperature Ratings

4-, 6- and 8-inch 300 LB A105 Flange
and A537 CL1 or A516 GR 70 Sleeve

Pressure - PSI

Temperature - ºF

Pressure and Temperature Ratings

4-inch 600 LB A105 Flange
and A537 CL1 or A516 GR 70 Sleeve

Pressure - PSI

Temperature - ºF

Pressure and Temperature Ratings

6-inch 600 LB A105 Flange
and A516 GR 70 Sleeve

Pressure - PSI

Temperature - ºF

Pressure and Temperature Ratings

6-inch 600 LB A105 Flange
and A537 CL1 Sleeve

Pressure - PSI

Temperature - ºF

NOTE: The pressure/temperature ratings in the charts only apply after pipe plugs and blind flange have been installed. (See O-Ring Temperature ratings on page 2)
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Dimensions and Part Numbers

STOPPLE® Fittings - ASME B31.3

Pressure and Temperature Ratings

12-inch 600 LB A105 Flange and A516 GR 70 Sleeve

Temperature - °F
-20/100 200 300 400 500 600 700
Pressure - PSI
730 750 775 820 870 930 965

12-inch 600 LB A105 Flange and A537 CL1 Sleeve

Temperature - °F
-20/100 200 300 400 500 600 700
Pressure - PSI
755 775 855 905 955 965

16-inch 600 LB A105 Flange and A516 GR 70 Sleeve

Temperature - °F
-20/100 200 300 400 500 600 700
Pressure - PSI
730 755 855 905 935 965

16-inch 600 LB A105 Flange and A537 CL1 Sleeve

Temperature - °F
-20/100 200 300 400 500 600 700
Pressure - PSI
755 775 850 900 930 965

NOTE: The pressure/temperature ratings in the charts only apply after pipe plugs and blind flange have been installed. (See O-Ring Temperature ratings on page 2)