

STOPPLE® & STOPPLE® Plus Split Tee

ASME B31.3 / B31.4 / B31.8

Sizes: 4- to 24-inch, Class 600



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STOPPLE® Tee



STOPPLE® Plus Tee

Description

STOPPLE® and STOPPLE® Plus Split Tee Class 600 are designed for use with TDW STOPPLE® and STOPPLE® Train plugging systems (except 4-inch/DN100).

They meet ASME B31.3/ B31.4,/ B31.8 for use in piping, pipeline transportation and gathering systems for liquid, gas hydrocarbons and other fluids as well as refining locations.

STOPPLE and STOPPLE Plus fittings are furnished with LOCK-O-RING® and LOCK-O-RING® Plus flanges to accept LOCK-O-RING and LOCK-O-RING Plus Completion plugs, permitting removal of the SANDWICH® valve after work is completed.

Features

Welded sleeves, made of header and branch parts, are designed according to ASME B31.4/8 with design pressure at 102 bar (1480 psi), design factor 0.72, and design temperature at -46°C to +82°C (-50°F to +180°F). The pressure holding materials pass Charpy impact test at -46°C (-50°F).

All welded sleeves are manufactured with a controlled maximum carbon equivalent of 0.43 to make welding easier in harsh environments. Back-up strips and recesses are standard and provided for all fittings.

LOCK-O-RING and LOCK-O-RING Plus flanges are compatible with flanges Class 600 (ASME B16.5 or ASME B16.47 series A).

Split tees are welded with welding procedures qualified as per ASME IX. All pressure containment welds are 100% inspected by radiography.

Options

All LOCK-O-RING and LOCK-O-RING Plus Completion plugs are fitted with low temperature Nitrile O-rings rated from -46°C to +82°C (-50°F to +180°F) and have scarfed nipples welded.

All blind flange kits include a blind flange, studs, nuts and a gasket. They are suitable for applications ranging from -46°C to +82°C (-50°F to +180°F).

The operating conditions are limited by the choice of the elastomer. Alternative elastomer available upon request. Consult TDW for the appropriate selection.

Rapid Delivery:

Fittings and associated products are shipped within 8 weeks based on the size and quantity requested.

Use the table in this bulletin to determine the part number for the STOPPLE and STOPPLE Plus Split Tee to fit the requirements.



STOPPLE & STOPPLE Plus Split Tee

STOPPLE and STOPPLE Plus Split Tee Part Numbers

ANSI PIPE *	STOPPLE®			STOPPLE® PLUS			All	All
	System Kit	Tee Kit	Plug Kit	System Kit	Tee Kit	Plug Kit	Blind Flange Kit	Spare O-Ring
4	12387262	12382316	12382324	12387338	12382274	12382282	12330180	12352203
6	12387263	12382420	12382424	12387339	12381732	12382338	12327280	12352204
8	12387264	12382611	12382617	12387340	12381688	12382022	12327285	12352205
10	12387265	12382046	12382069	12387341	12381636	12381882	12327291	12352206
12	12387267	12382098	12382169	12387342	12382070	12382095	12327422	12352207
14	12387268	12382818	12382837	12387343	12382736	12382779	12327425	12352208
16	12387269	12382812	12382821	12387344	12382735	12382780	12327430	12352209
18	12387270	12383109	12383119	12387345	12383061	12383074	12327435	12352210
20	12387271	12382910	12382932	12387346	12382877	12382894	12327440	12352211
21	12387272	12382600	12382623	12387347	12382319	12382336	12327570	12352212
24	12387273	12383054	12383063	12387348	12382974	12382985	12327443	12352213

* Special Pipeline sizes like ISO or GOST are available on request. Consult TDW for more information.

* Fittings for pipelines larger than 24in and reduced branch fittings available upon request. Consult TDW for more information.

All split tees have a corrosion allowance of 0mm. All materials and welding procedures are NACE MR-0175 compliant.

4- to 20in flange material is double-certified ASTM A350LF2 CL1 and ASME A694 F52 with certificate EN 10204 3.1,

22- to 36in flange material is double-certified ASTM A350LF2 CL1 and ASME A694 F60 with certificate EN 10204 3.1,

4- to 10in welded sleeve material is ASTM A694 F52 forging with certificate EN 10204 3.1,

10- to 36in welded sleeve material is ASTM A537 CL1 with certificate EN 10204 3.1,

4- to 36in back-up strip material is LOW CARBON STEEL with certificate EN 10204 2.2.