

ST-Series Snap-Tite '71' Interchange

- Flush face design minimizes air inclusion during connection and fluid loss during disconnection.
- Heavy duty grooved sleeves provide bulkhead mounting options and reduce instances of brinelling.
- Designed to exceed 1,000,000 cycles during impulse pressure conditions.
- ST-Series couplings comply with applicable Det Norske Veritas North Sea standards for coupling applications.
- Available in a wide variety of materials, including high pressure stainless steel configurations upon request.

Performance Specifications	Max. Working Bar (PSI)	Coupled Burst Bar (PSI)	Flow Rate $\Delta P=2$ Bar	Locking Mechanism
1/4" steel	690 (10,000)	1,379 (20,000)	17 LPM (45 GPM)	10 Balls
3/8" steel	690 (10,000)	1,379 (20,000)	42 LPM (11 GPM)	10 Balls
1/2" steel	690 (10,000)	1,379 (20,000)	72 LPM (19 GPM)	12 Balls
3/4" steel	586 (8,500)	1,172 (17,000)	138 LPM (36 GPM)	12 Balls
1" steel	552 (8,000)	1,103 (16,000)	189 LPM (50 GPM)	12 Balls
2" steel	448 (6,500)	897 (13,000)	757 LPM (200 GPM)	15 Balls
1/4" 316 SS	345 (5,000)	862 (12,500)	17 LPM (45 GPM)	10 Balls
3/8" 316 SS	345 (5,000)	862 (12,500)	42 LPM (11 GPM)	10 Balls
1/2" 316 SS	345 (5,000)	862 (12,500)	72 LPM (19 GPM)	12 Balls
3/4" 316 SS	345 (5,000)	862 (12,500)	138 LPM (36 GPM)	12 Balls
1" 316 SS	280 (4,000)	690 (10,000)	189 LPM (50 GPM)	12 Balls
2" 316 SS	210 (3,000)	415 (6,000)	757 LPM (200 GPM)	15 Balls



Please note: Minimum burst pressure ratings were established under laboratory conditions using a Static Burst Unit (SBU). For high impulse applications and to meet Det Norske Veritas (DNV) compliance, the burst pressure must be divided by four (4) to ensure a 4:1 safety factor during system operation.

'ST' Series Interchange	Snap-Tite	PCI	---	---
1/4"	Series 71	71FF	---	---
3/8"	Series 71	71FF	---	---
1/2"	Series 71	71FF	---	---
3/4"	Series 71	71FF	---	---
1"	Series 71	71FF	---	---
2"	Series 71	71FF	---	---

Although a special lubricant is used to protect the flushface seals during pre-service storage, the seals are still vulnerable until they are exposed to the system fluid.

It is recommended to lubricate the seals before the first connection by placing a drop of oil into the main valve grooves on the face of the nipple and coupler.



Attention Required!

ST-Series