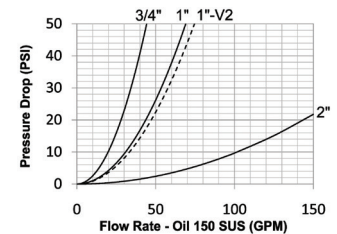
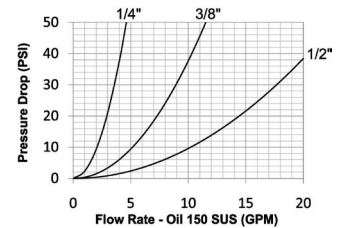


## ST-Series Snap-Tite 71 Interchange

<b>Materials:</b>	<ul style="list-style-type: none"> <li>Machined components are manufactured using solid steel or 316 stainless steel bar stock.</li> <li>Stainless steel balls, retaining rings and springs maximise corrosion resistance and extend service life.</li> <li>Steel componentry is plated using ROHS Compliant Trivalent Chrome.</li> <li>Steel coupler sleeves are hardened to resist deformation and maximise service life.</li> <li>Steel nipples are hardened to provide heavy duty performance.</li> </ul>
<b>Seal Components:</b>	<ul style="list-style-type: none"> <li>Nitrile (Buna-N) seals are standard, providing a temperature range of -40°C to 121°C.</li> <li>All couplers &amp; nipples incorporate PTFE or TPC-ET Anti-Extrusion rings to protect the seal components from dynamic impulse damage.</li> </ul>
<b>Interchange Data:</b>	<ul style="list-style-type: none"> <li>Interchangeable with Snap-Tite 71-Series</li> </ul>

Size (inch)	Steel Coupler / Plug Coupled				316SS Coupler / Plug Coupled			
	Working Pressure		Burst Pressure		Working Pressure		Burst Pressure	
	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar
¼	10000	700	27300	1800	5000	345	28000	1900
⅜	10000	700	27300	1800	5000	345	28000	1900
½	10000	700	22500	1500	5000	345	25000	1700
¾	7500	500	20200	1400	5000	345	22800	1550
1	7500	500	19400	1300	4000	275	18500	1250
1-V2	8500	585	25900	1750	-	-	-	-
2	5000	345	16000	1100	3000	200	10000	700



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.

Interchange Standards					Functional Parameters				
Size (inch)	US Military	US Government	International Standards	ANSI / NFPA Standards	Locking Ball Qty	Air Inclusion	Fluid Loss	Vacuum Inch HG	Flow (Lpm) ΔP = 22 PSI
¼	-	-	-	-	10	0.01cc	0.02cc	N/R	11.7
⅜	-	-	-	-	10	0.02cc	0.02cc	N/R	29
½	-	-	-	-	12	0.03cc	0.03cc	N/R	57
¾	-	-	-	-	12	0.04cc	0.06cc	N/R	114
1	-	-	-	-	12	0.06cc	0.07cc	N/R	170
1-V2	-	-	-	-	12	0.09cc	0.10cc	N/R	190
2	-	-	-	-	15	3.14cc	5.25cc	N/R	568

ST-Series Interchange		
Size (inch)	Snap Tite	PCI
¼	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.

## ST-Series Snap-Tite Interchange Seal Kits

ST-Series Snap-Tite 71-Series Coupler Seal Kits								
Size (inch)	Part No.	Coupler Style	Seal Material	Seal Kits Contents	Pkg Qty		Price \$ (ea)	
					Bag	Box		
¼	2ST-SKIT	All	Nitrile	Two Seals & Anti-Extrusion Rings	25	200	3.11	
⅜	3ST-SKIT	All	Nitrile	Two Seals & Anti-Extrusion Rings	25	200	7.18	
½	4ST-SKIT	All	Nitrile	Two Seals & Anti-Extrusion Rings	25	200	3.34	
¾	6ST-SKIT	All	Nitrile	Two Seals & Anti-Extrusion Rings	25	200	3.62	
1	8ST-SKIT	All	Nitrile	Two Seals & Anti-Extrusion Rings	25	200	6.19	
1	8ST-SKIT-V2	All	Nitrile	Three Seals & Two Anti-Extrusion Rings	25	200	17.41	
2	16ST-SKIT	All	Nitrile	Three Seals & Two Anti-Extrusion Rings	10	100	19.11	

Price Group: PC

AP07

- NPTF & ORB thread styles also available.
- A complete range of seal options are available.



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