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HIGH PRESSURE, PUSH-TO-CONNECT, NON-SPILL, DRY DISCONNECT, QUICK RELEASE COUPLINGS

Parkers SNAP-TITE 71 Series is a range of fittings that is both a dry disconnect and a quick release coupling. Its unique design offers many advantages and it is one of the highest 'pressure rated' fittings (up to 10,000PSI.) of its kind within either range.

The flush face provides a connection, which will not spill valuable or hazardous media when connected or disconnected, with minimal air inclusion. This provides one of the safest, cleanest and most cost-effective fluid transfer solutions.

The large flow chambers in the body and an exclusive valve design guarantee a superior flow but also allows for low-pressure drop to be maintained at the same time.

With a push-to-connect mechanism, the 71 Series equips the user with an easy and quick installation with no need for the use of any tools. This means any operative is able to connect and disconnect lines, without prior training or a great deal of strength. This is a fitting that will streamline any production line and increase productivity, with less time wasted waiting for changeovers.

With heavy-duty construction, Series 71 fittings are robust and can withstand the high pressures required by applications such as hydraulics and chemical transfer. It's durable and will last longer, meaning it will save money on the lifetime of fitting with less replacements and less factory downtime as a consequence.

FEATURES & BENEFITS

- Available with a Sleeve Lock design to protect against accidental connection
- Available with Autoclave cone and threaded fittings
- Versatility

APPLICATIONS

- High Pressure Hydraulics
- Offshore Oil & Gas
- Chemicals
- Pharmaceuticals
- Test Stands

TECHNICAL SPECIFICATION

- Materials
 - Steel, Zinc trivalent plating
 - 316 Stainless Steel
 - High Pressure Stainless Steel

- Pressure: Up to 10,000 PSI (689 Bar)
- Sizes: 1/4" to 2"
- Flush Face DryBreak
- Push-to-Connect

SUMMARY

PARKER SNAP-TITE 71 SERIES is both a Dry Disconnect and Quick Release Coupling. Its FLUSH FACE provides one of the safest, cleanest and cost-effective fluid transfer solutions. Its Large Flow Chambers offer superior delivery and with a push to connect mechanism is easy and quick to install/uninstall.

It has one of the 'highest pressure' ratings for this type of product (10,000 PSI) and due to it's heavy-duty construction, it is more durable, with a longer life making for less replacements and downtime.



COUPLERS - FEMALE THREAD - BUNA SEAL



Part Number Steel	Part number 316 Stainless Steel	Part Number Nitronic Stainless Steel	Body Size ins	Connection ins	Thread	Seal
71-3C4-4RP	S71-3C4-4RP	SH71-3C4-4RP	¼	¼	BSPP	Buna
71-3C4-4F	S71-3C4-4F	SH71-3C4-4F	¼	¼	NPTF	Buna
71-3C6-4RP	S71-3C6-4RP	SH71-3C6-4RP	¾	¼	BSPP	Buna
71-3C6-4F	S71-3C6-4F	SH71-3C6-4F	¾	¼	NPTF	Buna
71-3C6-6RP	S71-3C6-6RP	SH71-3C6-6RP	¾	¾	BSPP	Buna
71-3C6-6F	S71-3C6-6F	SH71-3C6-6F	¾	¾	NPTF	Buna
71-3C6-8RP	S71-3C6-8RP	SH71-3C6-8RP	¾	½	BSPP	Buna
71-3C6-8F	S71-3C6-8F	SH71-3C6-8F	¾	½	NPTF	Buna
71-3C8-8RP	S71-3C8-8RP	SH71-3C8-8RP	½	½	BSPP	Buna
71-3C8-8F	S71-3C8-8F	SH71-3C8-8F	½	½	NPTF	Buna
71-3C12-12RP	S71-3C12-12RP	SH71-3C12-12RP	¾	¾	BSPP	Buna
71-3C12-12F	S71-3C12-12F	SH71-3C12-12F	¾	¾	NPTF	Buna
71-3C16-16RP	S71-3C16-16RP	SH71-3C16-16RP	1	1	BSPP	Buna
71-3C16-16F	S71-3C16-16F	SH71-3C16-16F	1	1	NPTF	Buna
71-3C16-20RP	S71-3C16-20RP		1	1 ¼	BSPP	Buna
71-3C16-20F	S71-3C16-20F		1	1 ¼	NPTF	Buna

NIPPLES - FEMALE THREAD - BUNA SEAL



Part Number Steel	Part number 316 Stainless Steel	Part Number Nitronic Stainless Steel	Body Size ins	Connection ins	Thread	Seal
71-3N4-4RP	S71-3N4-4RP	SH71-3N4-4RP	¼	¼	BSPP	Buna
71-3N4-4F	S71-3N4-4F	SH71-3N4-4F	¼	¼	NPTF	Buna
71-3N6-4RP	S71-3N6-4RP	SH71-3N6-4RP	¾	¼	BSPP	Buna
71-3N6-4F	S71-3N6-4F	SH71-3N6-4F	¾	¼	NPTF	Buna
71-3N6-6RP	S71-3N6-6RP	SH71-3N6-6RP	¾	¾	BSPP	Buna
71-3N6-6F	S71-3N6-6F	SH71-3N6-6F	¾	¾	NPTF	Buna
71-3N6-8RP	S71-3N6-8RP	SH71-3N6-8RP	¾	½	BSPP	Buna
71-3N6-8F	S71-3N6-8F	SH71-3N6-8F	¾	½	NPTF	Buna
71-3N8-8RP	S71-3N8-8RP	SH71-3N8-8RP	½	½	BSPP	Buna
71-3N8-8F	S71-3N8-8F	SH71-3N8-8F	½	½	NPTF	Buna
71-3N12-12RP	S71-3N12-12RP	SH71-3N12-12RP	¾	¾	BSPP	Buna
71-3N12-12F	S71-3N12-12F	SH71-3N12-12F	¾	¾	NPTF	Buna
71-3N16-16RP	S71-3N16-16RP	SH71-3N16-16RP	1	1	BSPP	Buna
71-3N16-16F	S71-3N16-16F	SH71-3N16-16F	1	1	NPTF	Buna
71-3N16-20RP	S71-3N16-20RP		1	1 ¼	BSPP	Buna
71-3N16-20F	S71-3N16-20F		1	1 ¼	NPTF	Buna

COUPLERS - FEMALE THREAD - VITON SEAL



Part Number Steel	Part number 316 Stainless Steel	Part Number Nitronic Stainless Steel	Body Size ins	Connection ins	Thread	Seal
71-3C4-4RPV	S71-3C4-4RPV	SH71-3C4-4RPV	¼	¼	BSPP	Viton
71-3C4-4FV	S71-3C4-4FV	SH71-3C4-4FV	¼	¼	NPTF	Viton
71-3C6-4RPV	S71-3C6-4RPV	SH71-3C6-4RPV	¾	¼	BSPP	Viton
71-3C6-4FV	S71-3C6-4FV	SH71-3C6-4FV	¾	¼	NPTF	Viton
71-3C6-6RPV	S71-3C6-6RPV	SH71-3C6-6RPV	¾	¾	BSPP	Viton
71-3C6-6FV	S71-3C6-6FV	SH71-3C6-6FV	¾	¾	NPTF	Viton
71-3C6-8RPV	S71-3C6-8RPV	SH71-3C6-8RPV	¾	½	BSPP	Viton
71-3C6-8FV	S71-3C6-8FV	SH71-3C6-8FV	¾	½	NPTF	Viton
71-3C8-8RPV	S71-3C8-8RPV	SH71-3C8-8RPV	½	½	BSPP	Viton
71-3C8-8FV	S71-3C8-8FV	SH71-3C8-8FV	½	½	NPTF	Viton
71-3C12-12RPV	S71-3C12-12RPV	SH71-3C12-12RPV	¾	¾	BSPP	Viton
71-3C12-12FV	S71-3C12-12FV	SH71-3C12-12FV	¾	¾	NPTF	Viton
71-3C16-16RPV	S71-3C16-16RPV	SH71-3C16-16RPV	1	1	BSPP	Viton
71-3C16-16FV	S71-3C16-16FV	SH71-3C16-16FV	1	1	NPTF	Viton
71-3C16-20RPV	S71-3C16-20RPV		1	1 ¼	BSPP	Viton
71-3C16-20FV	S71-3C16-20FV		1	1 ¼	NPTF	Viton

NIPPLES - FEMALE THREAD - VITON SEAL



Part Number Steel	Part number 316 Stainless Steel	Part Number Nitronic Stainless Steel	Body Size ins	Connection ins	Thread	Seal
71-3N4-4RPV	S71-3N4-4RPV	SH71-3N4-4RPV	¼	¼	BSPP	Viton
71-3N4-4FV	S71-3N4-4FV	SH71-3N4-4FV	¼	¼	NPTF	Viton
71-3N6-4RPV	S71-3N6-4RPV	SH71-3N6-4RPV	¾	¼	BSPP	Viton
71-3N6-4FV	S71-3N6-4FV	SH71-3N6-4FV	¾	¼	NPTF	Viton
71-3N6-6RPV	S71-3N6-6RPV	SH71-3N6-6RPV	¾	¾	BSPP	Viton
71-3N6-6FV	S71-3N6-6FV	SH71-3N6-6FV	¾	¾	NPTF	Viton
71-3N6-8RPV	S71-3N6-8RPV	SH71-3N6-8RPV	¾	½	BSPP	Viton
71-3N6-8FV	S71-3N6-8FV	SH71-3N6-8FV	¾	½	NPTF	Viton
71-3N8-8RPV	S71-3N8-8RPV	SH71-3N8-8RPV	½	½	BSPP	Viton
71-3N8-8FV	S71-3N8-8FV	SH71-3N8-8FV	½	½	NPTF	Viton
71-3N12-12RPV	S71-3N12-12RPV	SH71-3N12-12RPV	¾	¾	BSPP	Viton
71-3N12-12FV	S71-3N12-12FV	SH71-3N12-12FV	¾	¾	NPTF	Viton
71-3N16-16RPV	S71-3N16-16RPV	SH71-3N16-16RPV	1	1	BSPP	Viton
71-3N16-16FV	S71-3N16-16FV	SH71-3N16-16FV	1	1	NPTF	Viton
71-3N16-20RPV	S71-3N16-20RPV		1	1 ¼	BSPP	Viton
71-3N16-20FV	S71-3N16-20FV		1	1 ¼	NPTF	Viton

PARKER SNAP-TITE

71 SERIES WORKING PRESSURES

MAXIMUM WORKING PRESSURES

Size ins	Steel Bar	PSI	316 Stainless Steel Bar	PSI	Nitronic Stainless Steel Bar	PSI
1/4	689	10,000	344	5,000	689	10,000
3/8 x 1/4	689	10,000	344	5,000	689	10,000
3/8	689	10,000	344	5,000	689	10,000
3/8 x 1/2	689	10,000	344	5,000	689	10,000
1/2	689	10,000	344	5,000	689	10,000
3/4	517	7,500	275	4,000	517	7,500
1	517	7,500	275	4,000	517	7,500
1 x 1 1/4	517	7,500	275	4,000	517	7,500

71 SERIES – DUST PROTECTION

DUST PROTECTION

Size ins	Material	Coupler Cap	Nipple Plug
1/4	Rubber	71-3PCC-4	71-3PNC-4
3/8	Rubber	71-3PCC-6	71-3PNC-6
1/2	Rubber	71-3PCC-8	71-3PNC-8
3/4	Rubber	71-3PCC-12	71-3PNC-12
1	Rubber	71-3PCC-16	71-3PNC-16