

Furon® No O-Ring Union

1/2", 3/4", 1"



Features/Benefits

- 100% high purity PFA body
- Patent protected tongue and groove seal
- Requires no-o-ring
- Assembled and double bagged in class 100 clean room
- 120 PSI (827 kPa) pressure seal
- 300°F (150°C) maximum temperature
- Compatible with most corrosive chemicals
- No replacement parts necessary
- No dead space or elastomeric contamination
- Remains leak-tight
- Lower cost of ownership due to elimination of consumables
- High pressure capability for improved worker safety
- Retains seal integrity over countless disassemblies/reassemblies

Operation

- Union with tongue and groove seal can be hand tightened
- Designed to handle temperatures up to 300°F (150°C)

Applications

- Join components in a welded system
- Designed for primary use in semiconductor industry for ambient and high temperature

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Ordering Information

Standard

PART NO.	DESCRIPTION	PIPE SIZE	A	B	C	D	E	F
1105120-001	SSUM 8788	Standard 1/2"	4.26 (108.20mm)	.840 (21.34mm)	.607 (15.42mm)	.840 (21.34mm)	.607 (15.42mm)	2.00 (50.80mm)
1104948-001	SSUM 1271212	Standard 3/4"	4.47 (113.54mm)	1.050 (26.67mm)	.809 (20.55mm)	1.050 (26.67mm)	.809 (20.55mm)	2.13 (54.10mm)
1105301-001	SSUM 1671616	Standard 1"	4.49 (114.05mm)	1.315 (33.40mm)	1.033 (26.24mm)	1.315 (33.40mm)	1.033 (26.24mm)	2.50 (63.50mm)

Standard Options

Standard Options are readily available with slightly longer lead times. Please contact your local distributor or factory for price and delivery.

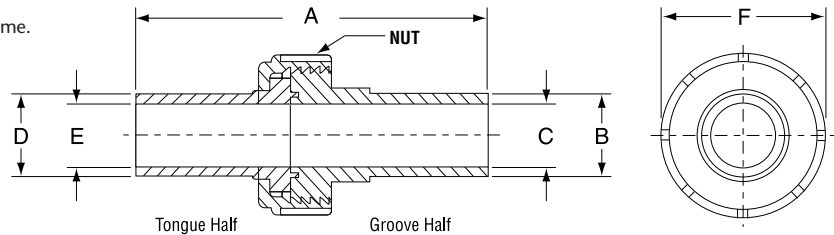
PART NO.	DESCRIPTION	PIPE SIZE	A	B	C	D	E	F
1105120-002	SSUM 8788-C	Compact 1/2"	2.26 (57.40mm)	.840 (21.34mm)	.607 (15.42mm)	.840 (21.34mm)	.607 (15.42mm)	2.00 (50.80mm)
1104948-002	SSUM 1271212-C	Compact 3/4"	2.47 (62.74mm)	1.050 (26.67mm)	.809 (20.55mm)	1.050 (26.67mm)	.809 (20.55mm)	2.13 (54.10mm)
1105301-002	SSUM 1671616-C	Compact 1"	2.49 (63.25mm)	1.315 (33.40mm)	1.033 (26.24mm)	1.315 (33.40mm)	1.033 (26.24mm)	2.50 (63.50mm)

Non-Standard Options

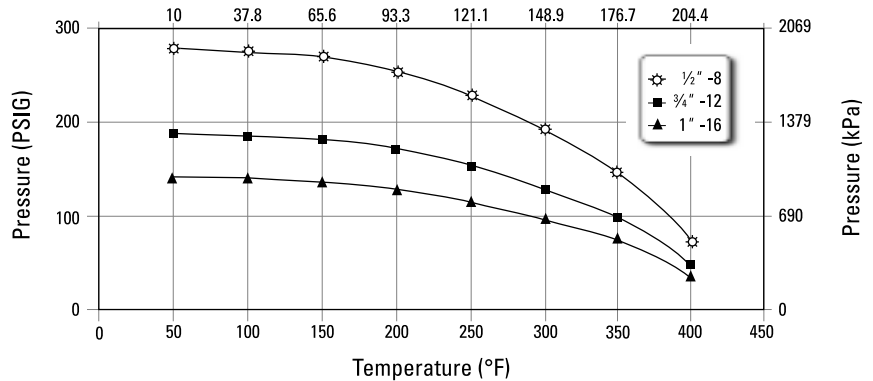
Non-Standard Options and custom configurations are welcome. Please consult factory for part number, price and delivery.

Specifications and Performance

- Maximum temperature: 300°F (150°C)
- Maximum operating pressure: 120 PSIG (827 kPa) @ ambient temperature
- Fitting body material: 100% virgin high purity PFA
- Nut material: ETFE



Maximum Operating Pressure*
Temperature (°C)



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Notes

This product is class 100 clean room assembled and double bagged.

*Calculated performance data.



US Patent 5,645,301

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12-month Limited Warranty: For a period of 12 months from the date of first sale, Saint-Gobain Performance Plastics Corporation warrants this product to be free from defects in manufacturing. This company's only obligation will be to provide replacement product for any material proven to have such a defect, or at SGPPL's option, to refund the purchase price thereof. User assumes all other risks, if any, including the risk of injury, loss or damage, whether direct, consequential or incidental, arising out of the use, misuse, or inability to use this product. SAINT-GOBAIN PERFORMANCE PLASTICS DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

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