

# BURST PRESSURE VS. TEMPERATURE

## PFA TUBING

Temp°F	Temp°C	1/4" psi (kPa)	3/8" psi (kPa)	1/2" psi (kPa)	3/4" psi (kPa)	1" psi (kPa)
75	(24)	900 (6206)	800 (5516)	670 (4620)	440 (3034)	320 (2206)
200	(93)	631 (4353)	603 (4159)	474 (3270)	302 (2082)	221 (1527)
250	(121)	575 (3963)	549 (3787)	432 (2977)	275 (1895)	202 (1390)
300	(149)	528 (3638)	504 (3477)	396 (2733)	252 (1740)	185 (1276)
350	(177)	471 (3248)	450 (3104)	354 (2440)	225 (1553)	165 (1139)
400	(204)	N/R N/R	N/R N/R	N/R N/R	N/R N/R	N/R N/R

## PVDF NUT

Temp°F	Temp°C	1/4" psi (kPa)	3/8" psi (kPa)	1/2" psi (kPa)	3/4" psi (kPa)	1" psi (kPa)
75	(24)	900 (6206)	800 (5516)	670 (4620)	440 (3034)	320 (2206)
200	(93)	631 (4353)	603 (4159)	474 (3270)	302 (2082)	221 (1527)
250	(121)	575 (3963)	549 (3787)	432 (2977)	275 (1895)	202 (1390)
300	(149)	528 (3638)	504 (3477)	396 (2733)	252 (1740)	185 (1276)
350	(177)	471 (3248)	450 (3104)	354 (2440)	225 (1553)	165 (1139)
400	(204)	N/R N/R	N/R N/R	N/R N/R	N/R N/R	N/R N/R

## PFA NUT

Temp°F	Temp°C	1/4" psi (kPa)	3/8" psi (kPa)	1/2" psi (kPa)	3/4" psi (kPa)	1" psi (kPa)
75	(24)	900 (6206)	800 (5516)	670 (4620)	440 (3034)	320 (2206)
200	(93)	631 (4353)	603 (4159)	474 (3270)	302 (2082)	221 (1527)
250	(121)	575 (3963)	549 (3787)	432 (2977)	275 (1895)	202 (1390)
300	(149)	528 (3638)	504 (3477)	396 (2733)	252 (1740)	185 (1276)
350	(177)	471 (3248)	450 (3104)	354 (2440)	225 (1553)	165 (1139)
400	(204)	N/R N/R	N/R N/R	N/R N/R	N/R N/R	N/R N/R

## ETFE NUT

Temp°F	Temp°C	1/4" psi (kPa)	3/8" psi (kPa)	1/2" psi (kPa)	3/4" psi (kPa)	1" psi (kPa)
75	(24)	908 (6261)	805 (5550)	674 (4647)	444 (3061)	324 (2234)
200	(93)	620 (4275)	525 (3620)	465 (3206)	300 (2069)	220 (1517)
250	(121)	570 (3930)	477 (3289)	427 (2944)	273 (1882)	200 (1379)
300	(149)	530 (3654)	447 (3082)	397 (2737)	250 (1724)	190 (1310)
350	(177)	N/R N/R	N/R N/R	N/R N/R	N/R N/R	N/R N/R
400	(204)	N/R N/R	N/R N/R	N/R N/R	N/R N/R	N/R N/R

N/R: Not Recommended