

# MAXIMUM OPERATING 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)	275 (1896)	235 (1620)	170 (1172)	110 (758)	77 (531)
200	(93)	130 (896)	115 (793)	85 (586)	55 (379)	40 (276)
250	(121)	85 (586)	75 (517)	55 (379)	35 (241)	25 (172)
300	(149)	60 (414)	55 (379)	40 (276)	25 (172)	20 (138)
350	(177)	35 (241)	30 (207)	20 (138)	15 (103)	9 (62)
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)	275 (1896)	235 (1620)	170 (1172)	110 (758)	77 (531)
200	(93)	130 (896)	115 (793)	85 (586)	55 (379)	40 (276)
250	(121)	85 (586)	75 (517)	55 (379)	35 (241)	25 (172)
300	(149)	60 (414)	55 (379)	40 (276)	25 (172)	20 (138)
350	(177)	35 (241)	30 (207)	20 (138)	15 (103)	9 (62)
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)	275 (1896)	235 (1620)	170 (1172)	110 (758)	77 (531)
200	(93)	130 (896)	115 (793)	85 (586)	55 (379)	40 (276)
250	(121)	85 (586)	75 (517)	55 (379)	35 (241)	25 (172)
300	(149)	60 (414)	55 (379)	40 (276)	25 (172)	20 (138)
350	(177)	35 (241)	30 (207)	20 (138)	15 (103)	9 (62)
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)	277 (1910)	237 (1634)	173 (1193)	112 (772)	77 (531)
200	(93)	132 (910)	117 (807)	87 (600)	57 (393)	40 (276)
250	(121)	88 (607)	77 (531)	58 (400)	35 (241)	25 (172)
300	(149)	63 (434)	58 (400)	42 (290)	25 (172)	21 (145)
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