

## What is the pressure rating for PEEK fittings unions & tubing - FAQ

Some HPLC PEEK tubing connectors / male nuts / unions are rated up to 6000psi with finger tight nuts.

Another consideration is the burst strength of the PEEK tubing. Below is a table with the recommended ranges of PEEK tubing.

OD	ID	bar	psi
1/32"	0.050 mm	455	6600
	0.064 mm	455	6600
	0.075 mm	455	6600
	0.100 mm	455	6600
	0.13 mm	414	6000
	0.15 mm	400	5800
	0.18 mm	386	5600
	0.20 mm	369	5350
	0.25 mm	338	4900
	0.38 mm	269	3900
1/16"	0.50 mm	207	3000
	0.050 mm	480	7000
	0.064 mm	480	7000
	0.075 mm	470	6800
	0.100 mm	460	6700
	0.13 mm	460	6700
	0.18 mm	440	6400
	0.25 mm	420	6100
	0.50 mm	345	5000
	0.75 mm	262	3800
1/8"	1.00 mm	179	2600
	1.40 mm	55	800
	0.75 mm	379	5500
1/4"	1.59 mm	248	3600
	2.00 mm	179	2600
	3.17 mm	227	3300