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Find the *Rheodyne 9055-025* at our website: *Click HERE*



PEEK

PEEK sample loops are alternatives to stainless steel loops. The material is inert to almost all organic solvents and is biocompatible which gives PEEK loops added versatility. Rheodyne uses natural PEEK for these sample loops. This means no dye leaching into your sample. Like metal loops, the size designations of PEEK loops are nominal. The actual volumes can differ from the theoretical designations because of the ±0.05 mm (0.002") tolerance of the tubing bore. Accuracy of large PEEK loops (0.8 mm, 0.030" bore) is about ±14%, intermediate loops (0.5 mm, 0.020") ±21%, and small loops (0.2 mm, 0.007") ±65%.

PEEK Physical Strength Characteristics

Although PEEK material is compatible with virtually all solvents, there are many factors that affect burst pressure of PEEK tubing. Factors such as increases in inner diameter, temperature, exposure time, and concentration of organic solvents affect the degradation of PEEK. Other solvents such a THF, methylene chloride, and DMSO cause PEEK tubing to swell while concentrated nitric acid and sulfuric acid weaken tubing.

PEEK Loops for 3725 and 3725i Injectors
Part Numbers & Descriptions

PART NUMBER	DESCRIPTION	BORE
3055-018	2.0 mL Sample Loop	1.6 mm (0.062")
3055-019	5.0 mL Sample Loop	1.6 mm (0.062")
3055-023	10 mL Sample Loop	2.0 mm (0.080")
3055-025	20 mL Sample Loop	2.0 mm (0.080")

PEEK Loops for 9725, 9010, PR/EV750-100 and PR/EV753-100 Injectors
Part Numbers & Descriptions

PART NUMBER	DESCRIPTION	BORE
7123-227	1 µL Sample Loop (Model PR/EV750-100 only)	internal groove
7755-015	2 µL Sample Loop (9725 only)	internal groove
9055-020	5.0 µL Sample Loop	0.18 mm (0.007")
9055-021	10 µL Sample Loop	0.25 mm (0.010")
9055-022	20 µL Sample Loop	0.25 mm (0.010")
9055-023	50 µL Sample Loop	0.51 mm (0.020")
9055-024	100 µL Sample Loop	0.51 mm (0.020")
9055-025	200 µL Sample Loop	0.51 mm (0.020")
9055-026	500 mL Sample Loop	0.76 mm (0.030")
9055-027	1.0 mL Sample Loop	0.76 mm (0.030")
9055-028	2.0 mL Sample Loop	0.76 mm (0.030")
9055-029	5.0 mL Sample Loop	0.76 mm (0.030")
9055-033	10 mL Sample Loop	0.76 mm (0.030")

PEEK Loops for 7725, 7725i, and PR/EV700-100 Injectors
Part Numbers & Descriptions

PART NUMBER	DESCRIPTION	BORE
7123-227	1 µL Sample Loop (Model PR/EV700-100 only)	internal groove
7755-015	2 µL Sample Loop (Models 7725 and 7725i only)	internal groove

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