

D32 S.I.S.™ GC Injection Port Liners

A wide variety of glass and quartz injection port liners are available for use in the heated injection ports of gas chromatographs. Injection port liners provide for the heating of samples in the GC injection port with minimal sample decomposition and reduce the problem of GC column contamination.

Glass Injection Port Liners

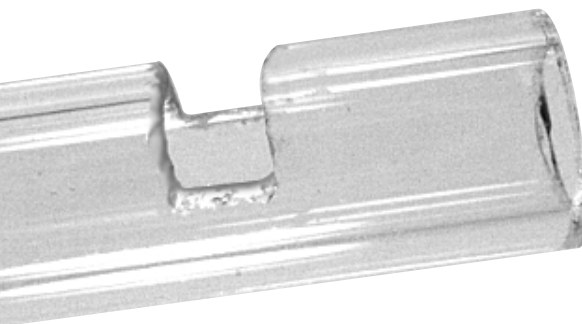
Glass injection port liners are commonly used in most applications. The liners are made of borosilicate glass and are completely clear with polished ends.

Quartz Injection Port Liners

These liners, made from fused silica quartz are ideal for applications requiring more inert surfaces. SIS offers a wide selection of these highly inert liners as precision alternatives to the glass liners supplied by other manufacturers. The liners are opaque with ground square and chip free ends.

Grooved Injection Port Liners

Injection port liners can be supplied with a gas inlet groove cut in the side of the liner. These liners are listed below as part numbers GIPL2 and QIPL2. Grooves in other sizes of liners are available on request.



GIPL2 Grooved Tip

CROSS REFERENCE

S.I.S. Part No.	GC Model	Mfg. Part No.
QIPL1	Thermo Finnigan 9610	-
GIPL1	Thermo Finnigan 9610	96100-20330
QIPL3	Thermo Finnigan 9611	-
GIPL3	Thermo Finnigan 9611	10005-40030
GIPL4	Thermo Finnigan 9611	10005-40040
QIPL6	H.P. Direct	-
GIPL6	H.P. Direct	18740-80200
QIPL7	H.P. Splitless, 2mm ID	-
GIPL7	H.P. Splitless, 2mm ID	18740-80220
QIPL8	H.P. Splitless, 4 mm ID	-
GIPL8	H.P. Splitless, 4 mm ID	19251-60540

Other sizes and types of injection port liners are available on special request. Call us with your requirements.

Part No.	Description	Dimensions (in.)	Dimensions (mm)	Price ea.	Price ea. 10 or more
		OD x ID x L	OD x ID x L		
QIPL1	Quartz Liner	0.179 x 0.120 x 4.4"	4.5 x 3.0 x 111.7		
GIPL1	Glass Liner	0.179 x 0.120 x 4.4"	4.5 x 3.0 x 111.7		
QIPL2	Grooved Quartz Liner	0.179 x 0.120 x 4.4"	4.5 x 3.0 x 111.7		
GIPL2	Grooved Glass Liner	0.179 x 0.120 x 4.4"	4.5 x 3.0 x 111.7		
QIPL3	Quartz Liner	0.267 x 0.080 x 3.4"	6.8 x 2.0 x 86.0		
GIPL3	Glass Liner	0.267 x 0.080 x 3.4"	6.8 x 2.0 x 86.0		
GIPL4	Glass Liner	0.267 x 0.160 x 3.4"	6.8 x 4.0 x 86.0		
QIPL6	Quartz Liner	0.256 x 0.054 x 3.125"	6.5 x 1.5 x 79.4		
GIPL6	Glass Liner	0.256 x 0.054 x 3.125"	6.5 x 1.5 x 79.4		
QIPL7	Quartz Liner	0.257 x 0.070 x 3.090"	6.5 x 2.0 x 78.5		
GIPL7	Glass Liner	0.257 x 0.070 x 3.090"	6.5 x 2.0 x 78.5		
QIPL8	Quartz Liner	0.257 x 0.157 x 3.090"	6.5 x 4.0 x 78.5		
GIPL8	Glass Liner	0.257 x 0.157 x 3.090"	6.5 x 4.0 x 78.5		

Note: All injection port liners should be silylated before use for optimal performance. Silylation Solution is available from Pierce Chemical (Part #83410) (815) 968-0747