

Window Orientation	Window Diameter	Biting O-ring	Window History	Deflection Under load	Failure Pressure	Test Result
1.5mil mylar face hydro pressure	10"	No	Newly cut		210 psi	Ripped o-holes. D <sub>1</sub> delaminated
0.5mil mylar face hydro pressure	"	"	"		260 psi	Material around b <sub>1</sub> start a little delaminated
1.5mil mylar face hydro pressure	40"	"	"		52 psi	Window clamping
0.5mil mylar face hydro pressure	10"	Yes	"		100 psi	Window
1.5mil mylar face hydro pressure	"	"	"		200 psi	Eight holes Window
"	"	No	"		250 psi	6 holes r window s for 5 min delaminated
"	"	"	"			Left und 6/29, no leaking 3 leaks thru holes red to 75 psi 4 pm dropped 5 holes r leaking. delaminated was pulled out that wrong w The window together 65psi 2p was still 7/6 press 60psi. 3p at 60psi.
"	40"	"	Was on HMS for 3 wks. at $10^{-4}$ torr.	40psi-4"	44 psi	Ripped a flange ring
"	"	Yes	Newly cut		36 psi	Ripped a flange ring the material pressure

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”	”	NO	”	20psi 2.5”	55 psi flange ring and 5 bolt holes	Ripped a
1.5mil mylar face vacuum pressure	”	”	”		Vacuum reached 106 mil torr after 3 days. Found out vacuum tank was leaking.	