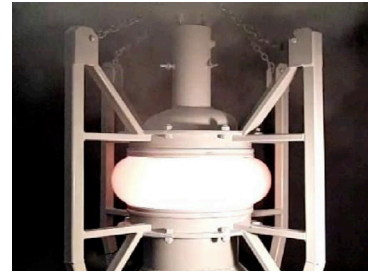
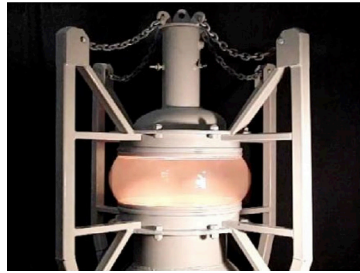
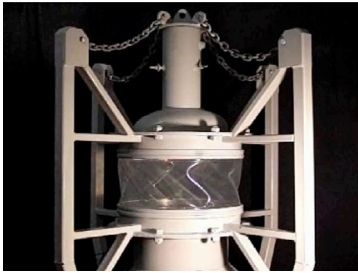


# Explosion Pressure Summary

Independent explosion testing has been undertaken by Rocket Lab Ltd on BFM® fittings with the results shown below. (the tests were also repeated with standard Seeflex material and silicon fastened with traditional hose-clamps for comparison)

SAMPLE TESTED	MATERIAL THICKNESS	PEAK PRESSURE	POSITIVE PRESSURE DURATION	PEAK TEMP	TEST RESULT
<b>BFM® FITTING:</b>					
Seeflex O40E	0.9mm (0.035")	63 kPa	678ms	40-50°C	✓ PASS
Seeflex O40AS & Kevlar Cover	-	129 kPa	656ms	40-50°C	✓ PASS
Teflex (woven PTFE)	0.5mm (0.020")	63 kPa	169ms	40-50°C	✓ PASS
LM4 (woven Polyester)	-	68 kPa	182ms	40-50°C	✓ PASS
<b>HOSE CLAMPS:</b>					
Standard Seeflex	0.9mm (0.035")	26.1 kPa	36ms	30°C	✗ FAIL
Standard Silicon	5mm (0.197")	43.1 kPa	52ms	52°C	✗ FAIL



**NOTE:** The fittings were pre-heated to simulate a production environment and an explosive charge ignited. The peak pressures shown above are not necessarily the maximum potential pressures capable - they are simply the maximum reached in this test.

A COPY OF THESE INDEPENDENT TESTS, INCLUDING VIDEOS, ARE AVAILABLE ON THE WEBSITE UNDER 'TESTING' OR ON REQUEST.

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