

## Fire Test Certificate

Tuesday, March 22<sup>nd</sup>, 2016

Supplier: Ductware - A division of Elgee Industries Pty Ltd  
(32 Gaine Rd, Dandenong South, VIC 3175)

Sample Description: Pressure Memory Gasket (DW-PMG15)

Date Tested: February 2016

Test Method: AS 1530.3: "Methods for Fire Tests on Building Materials, Components and Structures Part 3: Simultaneous Determination of Ignitability, Flame Propagation, Heat Release and Smoke Release" where the gasket was self-adhered onto a cement sheet substrate prior to testing.

Test Data:

	Standard Error	Mean
<b>Ignition time (min)</b>	0.17	10.80
<b>Flame propagation time (sec)</b>	Nil	Nil
<b>Heat release integral (kJ/m<sup>2</sup>)</b>	2.4	76.6
<b>Smoke release, log(d)</b>	0.0383	-1.2562
<b>Optical density, d (m<sup>-1</sup>)</b>	n/a	0.0565
<b>Number of specimens ignited</b>	6	
<b>Number of specimens tested</b>	6	
Regulatory Indices		
<b>Ignitability Index</b>	9 (Range 0-20)	
<b>Spread of Flame Index</b>	0 (Range 0-10)	
<b>Heat Evolved Index</b>	3 (Range 0-10)	
<b>Smoke Developed Index</b>	3 (Range 0-10)	
<b>Notes</b>	<ul style="list-style-type: none"> <li>- Each test specimen was restrained on the exposed face by a layer of galvanized welded square mesh made from wire of nominal diameter 0.8mm and nominal spacing 12mm in both directions and the assembly clamped in four places.</li> <li>- Specimens were self-adhered to 4.5mm thick fibre reinforced cement board.</li> <li>- Specimens tended to flash before ignition. Ignition was based on the occurrence of a single flash of flame which lasted longer than 10 seconds.</li> <li>- These results only apply to the specimen mounted, as described in this report. The result of this fire test may be used to directly assess fire hazard, but it should be recognized that a single test method will not provide a full assessment of fire hazard under all fire conditions.</li> <li>- This material would comply with the Smoke Development and Spread of Flame requirements of AS 4254.2</li> </ul>	



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