

Test Certificate

FLEXSEAL A FERNCO COMPANY
ENDEAVOUR WORKS
NEWLANDS WAY
VALLEY PARK
WOMBWELL, BARNSELY
S73 0UN
Attn: Dave Milnes

REF No B 800690
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Ord No 001668
Date Tested 10/05/13
Date Reported 07/06/13

: Issue 1

Item - 3 x Tensile Strength and Modulus Testing

Specification - AITM 1-0007 ISSUE 3

Tension - AITM 1-0007 Issue 3								
	Customer Id.	Dimensions [mm]	Maximum Load [kN]	Tensile Strength [MPa]	Tensile Modulus [GPa]	Strain to Failure [%]	Poissons Ratio	Comments
001:Tension 0 Deg	-	31.93x 6.65	26.4	124	6.24	-	-	See Below
002:Tension 0 Deg	-	32.01x 6.55	26.6	127	5.98	-	-	See Below
003:Tension 0 Deg	-	32.01x 5.86	25.0	133	6.41	-	-	See Below
Mean			26.0	128	6.21			
Standard Deviation			0.87	4.58	0.22			
%Co-Eff. of Variance			3.35	3.58	3.49			
Item 01: Failed within gauge length								
Item 02: Failed within gauge length								
Item 03: Failed within gauge length								

Certificate Comments

APPROVALS

Bridgwater is a UKAS, Nadcap and Airbus approved Laboratory.
The following table provides information on Approvals for Specific tests.

Test Description	Test Standard	UKAS	Nadcap	Airbus
PT	AITM 1.0007	Yes	Yes	Yes

TEST DETAILS

All testing carried out at 23+/-2deg C, 50+/-5%RH
The test speed for PT = 2.00mm/min

TEST EQUIPMENT

Test equipment used has been calibrated to the relevant standards this information is available upon request.

The results contained within this report have been reported in an abbreviated format. The test data, plots, results sheets and any other documentation containing more detailed information in accordance with the technical works procedures or standards used are held at Exova as part of the accredited quality assurance system. Opinions and interpretations expressed herein are outside the scope of the UKAS accreditation of this laboratory.

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Certificate Comments

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Tested by EXOVA BRIDGWATER



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For and on authority of
Exova (UK) Ltd

Ian Cooke
Process Engineer
EXOVA