TEST REPORT

Accredited for compliance with ISO/IEC 17025 – Testing
20678

SUMMARY OF TESTS: Evaluation of Actflex Polyfin to AS 4654.1-2012.

PROPERTY	METHOD	RESULT	ASSESSMENT CRITERIA	ASSESSMENT
Abrasion Resistance: Non-Trafficable	*AS 1580.403.2*	***0.016 mm***	*AS 4654.1 Paragraph 2.3*	**Meets requirement for non-trafficable membrane**
Abrasion Resistance: Trafficable	*AS 1580.403.2*	***0.077 mm***	*AS 4654.1 Paragraph 2.3*	**Meets requirement for occasional vehicle and pedestrian traffic**
Dimensional Stability	*ASTM D6207*	***No changes observed***	*State result*	
Durability: Control Elongation at Break	*AS 1145.3*	***141 %***	*AS 4654.1 Appendix A, Table A1*	**CLASS II**
Durability: Control Tensile Strength		***12.85 MPa***	*State result*	
Durability: Water Immersion Elongation at Break	*AS 4654.1 Appendix A*	***168 %***	*AS 4654.1 Appendix A, Table A4*	**PASS**
Durability: Water Immersion Tensile Strength		***14.85 MPa***	*State result*	
Durability: Detergent Immersion Elongation at Break		***130 %***	*AS 4654.1 Appendix A, Table A4*	**PASS**
Durability: Detergent Immersion Tensile Strength		***15.36 MPa***	*State result*	
Durability: Heat Aging Elongation at Break	*N/A*	***135 %***	*AS 4654.1 Appendix A, Table A4*	**PASS**
Durability: Heat Aging Tensile Strength		***13.08 MPa***	*State result*	

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Report number	Issue Date	Expiry Date
608-2 AS4654.1-2012	**18/08/2026**	**18/08/2029**

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Durability: UV Exposure Elongation at Break	*UV Lamp*	***320 %***	*AS 4654.1 Appendix A, Table A4*	**PASS**
Durability: UV Exposure Tensile Strength		***10.88 MPa***	*State result*	[redacted]
Field Seam Strength	*AMTM005*	***383.71N/25mm***	*State result*	
Puncture Resistance	*BS EN 12691*	***1000mm***	*State result*	
Temperature Resistance	*AMTM004*	***0.52 g/m^2/24 hours***	*State result*	
Water Vapour Transmission	*ASTM E96*	***0.65 g/m^2/24 hours***	*State result*	

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