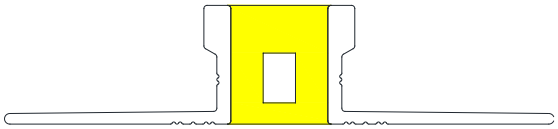
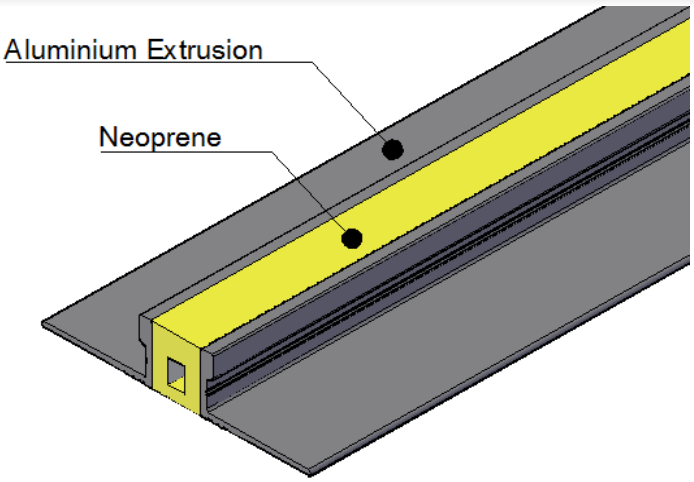
NEOPRENE EXPANSION DATA SHEET





Technical Details

1. Aluminium

Standard	AS NZS 1866
Alloy	6063
Temper	T5
Corrosion Test (Salt Spray): Standard ASTM B 117-03 240hrs. (American Standard)	Passed

2. Neoprene

Hardness(Shore A) ASTM D2240 (American Standard)	50-60
Tensile Strength(Mpa) ASTM D412 (American Standard)	8-12
Elongation at Break	600% +
Tear Resistance(kN/m) ASTM D624 (American Standard)	22-23

3. Neoprene Chemical Resistant

Citric Acids	Excellent
Kerosene	Good
Gasoline	Good
Acetone	Good
Chlorine	Fair
Vegetable Oils	Excellent

4. Durability

Weathering Test ASTM-G154	Before	After	Passed 1000hrs
			
Freeze-Thaw Resistance ASTM-C1026			Passed 15 cycles

5. Toxicity (RoHS)

ISO 3613; Hexavalent Chromium, Detection Limit 0.025 ug/cm2	Passed
US EPA 3052 & 6010B; Lead, Cadmium, Mercury Detection Limit 0.025 ug/cm2	Passed