

# Technical data sheet

## SIGA-Wigluv®



**Updated on:** October 11th ,2018

**Distributor:** SIGA Cover, Inc.

**Instructions:** See manual

**Packaging unit:**

Wigluv 60	10 rolls / box
Wigluv 100	6 rolls / box
Wigluv 150	4 rolls / box
Wigluv 230	2 rolls / box
Wigluv 20/40	10 rolls / box

**Composition:** Vapor semi-permeable special PO film, elastic, waterproof, UV-stable, with SIGA acrylic pressure sensitive adhesive

### Characteristics:

Property		Standards	Units	Values
<b>Dimensions</b>	length / width	Wigluv 60	feet / inch m / m	131 / 2.4 40 / 0.06
		Wigluv 100		82 / 3.9 25 / 0.10
		Wigluv 150		82 / 5.9 25 / 0.15
		Wigluv 230		82 / 9.06 25 / 0.23
		Wigluv 20/40		82 / 2.4 25 / 0.06
<b>Thickness</b>			mil / mm	14 / 0.35
<b>Temperature resistance</b>			°F °C	-40 °F to +212 °F -40 °C to +100 °C
<b>Processing temperature</b>			°F °C	from +14 °F from -10 °C
<b>Atmospheric exposure</b>			months	max. 12
<b>Air Permeance</b>		ASTM E2178	< 0.004 cfm/ft <sup>2</sup> @1.57 psf ( < 0.02 L/s·m <sup>2</sup> @ 75 Pa)	Pass
<b>Water vapor transmission</b>	Method A (dry cup method)	ASTM E96	US Perms (Ng/Pa.m <sup>2</sup> .s)	1.7 (97)
<b>Water Resistance</b>		AATCC 127	inch	197

<b>Specification for self-adhered flashing used for window flashings</b>		AAMA 711-13		class A (no primer)
				level 3 Thermal Exposure (80
<b>Tensile strength</b>		ASTM D5034 per AAMA 711-13		pass
<b>Water penetration resistance around nails</b>	initial	modified ASTM D1970 per AAMA 711-13		dry / pass
	after thermal cycling			dry / pass
<b>90° Peel adhesion</b>	OSB	ASTM D3330 per AAMA 711-13		pass
	anodized aluminum			
	extruded PVC			
	plywood			
	accelerated aging with UV-A	conditioning per AAMA 711-13		pass
	elevated temperature exposure	conditioning per AAMA 711-13		pass
	thermal cycling	conditioning per AAMA 711-13		pass
	adhesion after water immersion	conditioning per AAMA 711-13		pass
<b>Cold temperature pliability</b>	cracking	conditioning per AAMA 711-13		none / pass
	adhesion loss			
<b>Resistance to peeling from itself</b>		conditioning per AAMA 711-13		pass
<b>Chemical compatibility with tested sealants*</b>		AAMA 713-08		Pass / Level 3 thermal exposure (80 °C/176 °F for 14 days)
<b>Ageing resistance</b>	high permanent adhesive strength, non-drying and non-embrittling since without caoutchouc, resin or solvent, can reliably and durably absorb structural movements			
<b>Suitability for storage</b>	unlimited store in a cool, dry place in its original box			

\*see current list of tested sealants [here](#) or Contact SIGA Technical Dept.