



# TECH DATA

## Williams Everlastic® Closed Cell Neoprene Type NN-5 1080 Series

### Description

- Closed Cell Expanded Neoprene Foam (CR based)
- Stable physical properties

### Material Specifications

- ASTM D1056: 2A5
- SAE Designation: 2A5
- ASTM D6576: Type II B Firm

### Available Sizes

- Standard bun size: 1.5" x 38" x 48"
- Custom cut to size (thickness, width, length)
- Available with self-stick, pressure sensitive adhesive (PSA)
- Large dimensions factory spliced or bonded as needed

### Applications

- Used above or below grade where good weather and/or resistance to petroleum based fluids (medium swell).
- To isolate dissimilar substrates.
- Expansion joint filler.

### Typical Physical Properties

Physical Property	Test Method	Units	Value
ASTM D 1056 Designation	-	-	2A5
Cell Structure	-	-	Closed
Color	-	-	Black
Compression Deflection 25%	ASTM D 1056	psi kPa	17 – 25 117 – 172
Compression Deflection 25%, after Heat Aging	ASTM D 1056	%	±30
Compression Set (Room temp.)	ASTM D 1056	%	25 max
Density	ASTM D 1056	lb/ft <sup>3</sup> kg/m <sup>3</sup>	11–15 176 – 240
Elongation	ASTM D 412 (Die A)	%	125 min
Flammability	FMVSS 302	in mm	0.098 and higher 2.5 and higher
Hardness, Durometer Shore 00	ASTM D 2240	-	65 – 85
Resilience	ASTM D 2632	%	17 – 27
Service Temperature (Low)	ASTM D 1056	° F ° C	-40 -40
Service Temperature (High Continuous)	-	° F ° C	150 65.5
Service Temperature (High Intermittent)	-	° F ° C	200 93.3
Tear Strength	ASTM D 624 (Die C)	lb/in kN/m	25 min 4.4 min
Tensile Strength	ASTM D 412 (Die A)	psi kPa	100 min 689 min
Water Absorption	ASTM D 1056	%	5 max

This Material is Made in the U.S.A Certified



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