

Description

- **Everlastic® NN-5 2C5** is a closed cell expanded neoprene (CR based) foam.
- Stable physical properties.

Material Specifications

- ASTM D - 1056: **2C5**
- SAE designation: **2C5**
- ASTM D - 6576: **II A/B Firm**

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.

Available Sizes and Packaging

- Available in sheets, strips or cut parts. (sheet size 1" x 40" x 48")
- Available with self-stick, pressure sensitive adhesive (PSA) on one or two sides.
- Cut to thickness, width and length.
- Larger dimensions factory spliced or bonded as needed.

Typical Physical Properties		Test Method	Typical Results
Density:	lb/ft ³ g/cm ³	ASTM D-1056	19 ± 4 0.304 ± 0.064
Hardness	Durometer Shore 00	ASTM D-2240	70 ± 5
Compression Deflection	25% psi kPa	ASTM D-1056	21 ± 4 145 ± 28
Compression Set	%	ASTM D-1056	<25
Tensile Strength	psi kPa	ASTM D-412 (Die A)	150 1030
Tear Strength	lb/in kN/m	ASTM D-624 (Die C)	35 6.1
Elongation	Typical Properties %	ASTM D-412 (Die A)	175
Resilience	%	ASTM D-2632	15
Service Temperature	Low °F High Continuous °F High Intermittent °F	ASTM D-746	-40 150 200
Water Absorption	maximum Weight change %	ASTM D-1056	< 5
Fluid Immersion:	7 days @ 23° C (73.4° F) ASTM Ref. Fuel B, weight change max. %	ASTM D-1056	<150
Accelerated Aging	7 days @ 70° C (158° F)	ASTM D-1056	Pass none ± 30
Flexibility:	180° bend without cracking Appearance Change		
	Change in Compression - deflection %		
Combustion Characteristics		FMVSS -302	Pass



To the best of our knowledge this published information is accurate, however, to determine suitability of material/product for a specific application is the user's responsibility. Williams Products, Inc. shall not be liable for any loss or damage resulting from inappropriate usage.

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