



## VK159 Single Sided Foam Tape

### DESCRIPTION

Ozone resistant, fire retardant, polymeric blended, closed cell, sponge rubber.

### FOAM

### TECHNICAL DATA

Composition	Expanded Neoprene EPDM closed cell
Colour	Black
Specification	A~STM D 1056-91/2a2 (C, F, 2M, P)
Type- Grade Condition	Soft Medium
Temperature Range	-56.6°C to 93°C
High Intermittent	121°C
Water Absorption	5%
Tensile Strength	700 KN/M <sup>2</sup>
Flammability	Self Extinguishing approved to UL94HF-1

### SPECIAL CHARACTERISTICS

Density	112KG/m <sup>3</sup> +/- 30
25% Compression	
Deflection	35-63 kPa
Accelerated Ageing -7 Days, 70°C	Flexibility -180°C bend without cracking appearance change-none Change in compression deflection

### RESISTANCE

Acid	Excellent
Alkali	Excellent
Gasoline and Oil	Good
Oxidation	Excellent
Ozone	Excellent
Odour	No objectionable Odour

### ADHESIVE

<i>Physical Properties</i>	<i>Typical Values</i>	<i>Units</i>	<i>Test Methods</i>
<b>Thickness</b>			
<i>Adhesive + Carrier</i>	100	microns	ATM.7
<i>Liner:</i>	60	microns	
<i>Total:</i>	160	microns	
<i>Elongation</i>	2.0	%	ATM.13-
<i>Tensile Strength</i>	1.1	kN/m	ASTM D882
<i>Tack (Finat)</i>	1400	N/m	ATM.8-FINAT.9
<i>Adhesion (180°peel-24)</i>		N/m	ATM.1-PSTC.1
<i>Stainless Steel</i>	1200		
<i>Painted Steel</i>	1150		
<i>Polycarbonate</i>	1150		
<i>Rigid polypropylene</i>	1150		
<b>Shear Resistance</b> <i>(Stactic-2500g/25mmx25mm) 50</i>		ks	ATM.2-FINAT.8- PSTC.7
<b>Temperatures</b>			
<i>Application (minimum)</i>	+ 10	°C	
<i>Service (continuous)</i>	-40 to + 10	°C	
<i>Short time</i>	+ 70	°C	

### Storage and Shelf Life

Two years when stored at 21°C (70°F), 50% relative humidity, out of direct sunlight.