

Category	Z-Vent® / NovaVENT™	ASTM MARKED PVC/ABS/CPVC PLUMBING PRODUCTS								
Safety Factors	<p>Over 30 years of proven reliability.</p> <p>Minimal thermal expansion. Superior structural integrity.</p> <p>Designed as a vent system for positive and negative pressure appliances.</p> <p>Designed for a wide range of temperature applications to 550°F.</p> <p>Non combustible, does not support a flame.</p> <p>Adapters for all major brands ensures proper fit at the flue collar.</p> <p>Wide range of terminations available.</p> <p>Designed to meet specific appliance specifications and regional considerations.</p>	<p>Susceptible to environmental stress cracking</p> <p>2-3 times the thermal expansion of stainless steel</p> <p>Glued joints susceptible to cracking and separation through cyclic expansion/contraction and vibration</p> <p>Not recommended by pipe manufacturers for venting combustion gases.</p> <p>Temperature Limits for Plastic Pipe:</p> <table><tr><td>PVC Schedule 40</td><td>140° F</td></tr><tr><td>ABS Schedule 40</td><td>160° F</td></tr><tr><td>CPVC Copper Tube Size</td><td>180° F</td></tr><tr><td>CPVC Schedule 80</td><td>200° F</td></tr></table> <p>When incinerated produces toxic by-products: dioxins, chlorocarbons and hydrochloric acid.</p>	PVC Schedule 40	140° F	ABS Schedule 40	160° F	CPVC Copper Tube Size	180° F	CPVC Schedule 80	200° F
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Testing and Approvals	<p>UL listed 1738 / S636 for Category I, II,III, IV gas appliances. Meets all applicable national building and fire codes.</p>	<p>NO pipe manufacturer’s testing or listings as a vent for combustion gases in U.S.</p> <p>No fire rating.</p>								
Construction	<p>Engineered factory built vent system with factory installed self sealing joint gaskets</p> <p>No field seal is applied. No cure time.</p> <p>Complete, UL approved installation instructions provided with Vent. Easy to install, no cutting required. Multiple/ Adjustable lengths available.</p>	<p>No pipe manufacturer’s installation instructions when installed to vent flue gas combustion products.</p> <p>Field assembled, pipes must be cut, cleaned primed, glued, then cured before use.</p> <p>Cure times vary from 30 minutes to 1 week depending on material, temperature and diameter.</p>								
Environmental Factors	<p>100 % recyclable</p>	<p>PVC and CPVC are made from vinyl chloride monomer and contain phthalates which are carcinogens that create indoor air quality concerns.</p>								
Warranty	<p>Vent manufacturers factory warranty</p>	<p>No pipe manufacturer’s warranty when used to vent combustion gases</p>								

The information provided within is for informational purposes only. We have made every effort to ensure the accuracy of the provided information and assume no responsibility for any loss or damage due to errors or omissions or to the use or misuse of any information supplied. It is impossible to test all products under all conditions to which they might be subjected in the field. It is therefore the buyer and/or end users' responsibility to test all products under the conditions that duplicate the service conditions prior to installation. All improvements, all specifications are subject to change without prior notice. It is the buyer and/or end users' responsibility to review our complete Terms and Conditions of Sale located on our web sites at: www.novaflex.com | www.z-flex.com | www.flexmaster.com.