

	<b>TECHNICAL DATA</b>	<b>RUBBER GASKETS INSTALLATION GUIDE</b>
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**The Viking Corporation, 210 N Industrial Park Drive, Hastings MI 49058**

**Telephone: 269-945-9501 Technical Services: 877-384-5464 Fax: 269-818-1680 Email: techsvcs@vikingcorp.com**

**1. DESCRIPTION**

Viking gaskets are engineered and designed to meet and exceed standards such as ASTM D2000, AWWA C606, NSF 61 and IAPMO. Our own stringent internal laboratory testing confirms this. Our continual research, development and testing are designed to advance the elastomer field and to develop new and better solutions for our ever changing industry.



**2. LISTINGS AND APPROVALS**

Refer to the specific VGS Coupling technical data pages for listings and approvals.

**3. CHEMICAL RESISTANCE**

Chemical resistance is primarily determined by the grade and or the compound of the gasket. The color coding identifies the gasket grade and or compound. Always verify that the gasket selected is correct for the intended service.

**4. SERVICE TEMPERATURE**

Service temperature is controlled by factors including the gasket compound, fluid medium (air, water, oils, etc.), and continuity (continuous or intermittent) of service. Under no circumstances should gaskets be exposed to temperatures above or below their individual ratings. For additional information or specific applications contact Viking for recommendations.

The latest VGS® Technical Data can be accessed at  
<http://www.vikinggroupinc.com>  
 Scan to visit our Mobile website:



<http://vikinggroup.mobi/p/46374>

STANDARD GASKETS: V-Z05, V-Z07 (Rigid) and V-7705 (Flexible) VGS Coupling Gaskets				
Compound	Grade	Color Code	Recommended Services	Maximum Temp. Range
EPDM	E	Green Stripe* Purple Stripe** Green and Purple Stripe***	Good for cold & hot water up to +230°F(+110°C). Also good for services for water with acid, water with chlorine, deionized water, seawater and waste water, dilute acids, oil-free air, and many chemicals. <span style="color: orange;">Not Recommended for petroleum oils, mineral oils, solvents, and aromatic hydrocarbons.</span>	-30°F(-34°C) to +230°F(+110°C)
*Lubricated      **Composition Change, Lubricated      ***Additional Color Coding, Lubricated Note: Additional Lubricant is not required.				

**NOTICE** All other gasketed products (i.e. reducing coupling, mech tee, etc.) have never been pre-lubricated. These products have always been, and are today, marked with a single green stripe.





## TECHNICAL DATA

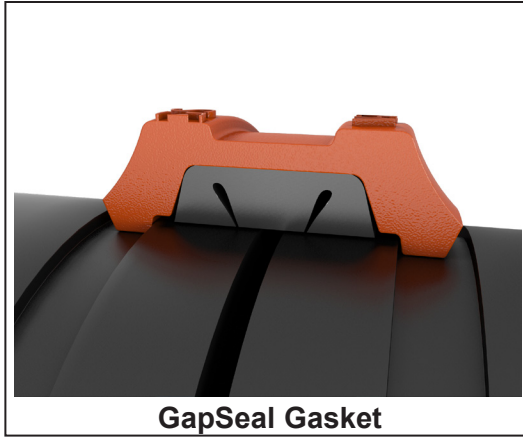
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### 5. DRY PIPE, FREEZER, AND VACUUM SERVICES

1. Viking recommends the use of the GapSeal® Grade E gasket for dry pipe fire protection systems and freezer applications. The GapSeal gasket closes off the gap between the pipe ends and the gasket cavity. This will prevent any remaining liquid from entering the cavities and freezing when temperatures drop.
2. Use a petroleum free silicone based lubricant for dry pipe and freezer systems.
3. The GapSeal gasket should be used for vacuum services greater than 10 inHg (absolute) / 254 mm Hg (absolute).
4. Rigid couplings are preferred for dry pipe, vacuum and freezer applications. Reducing couplings are not recommended for these applications.



GapSeal Gasket



### 5. PRE-LUBRICATED GASKET

Pre-Lubricated Grade E gaskets are provided with a proprietary coating which eliminates the need for the installer to apply a lubricant during the assembly process.