

GASKET SELECTION GUIDE

Lede utilizes the finest gasket materials available in our products. Over the past 50 years great advanced have been made in synthetic elastomer technologies, allowing us to offer a full range of synthetic rubber gasket materials for a wide variety of piping applications.

Lede gaskets are engineered and designed to meet and exceed standards such as ASTM D2000, AWWA C606, NSF61 and IAPMO. Our own stringent internal laboratory testing confirms this.

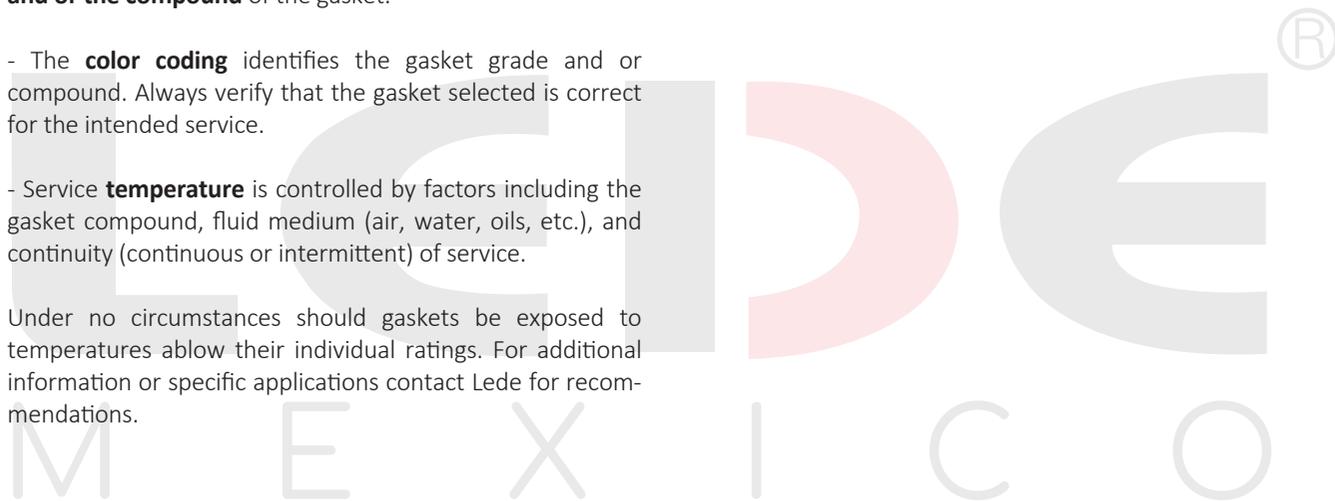
Our continual research, development and testing are designed to advance the elastomer field and to develop new and better solutions for our ever changing industry.

- 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.

- 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 ablow their individual ratings. For additional information or specific applications contact Lede for recommendations.



INTERNATIONAL APPROVAL



VEN-FI-01.15.02

SUBMITTAL INFORMATION

PROJECT:	CONTRACTOR:	DATE:
ENGINEER:	SPECIFICATION REFERENCE:	SYSTEM TYPE:
LOCATIONS:	COMMENTS:	

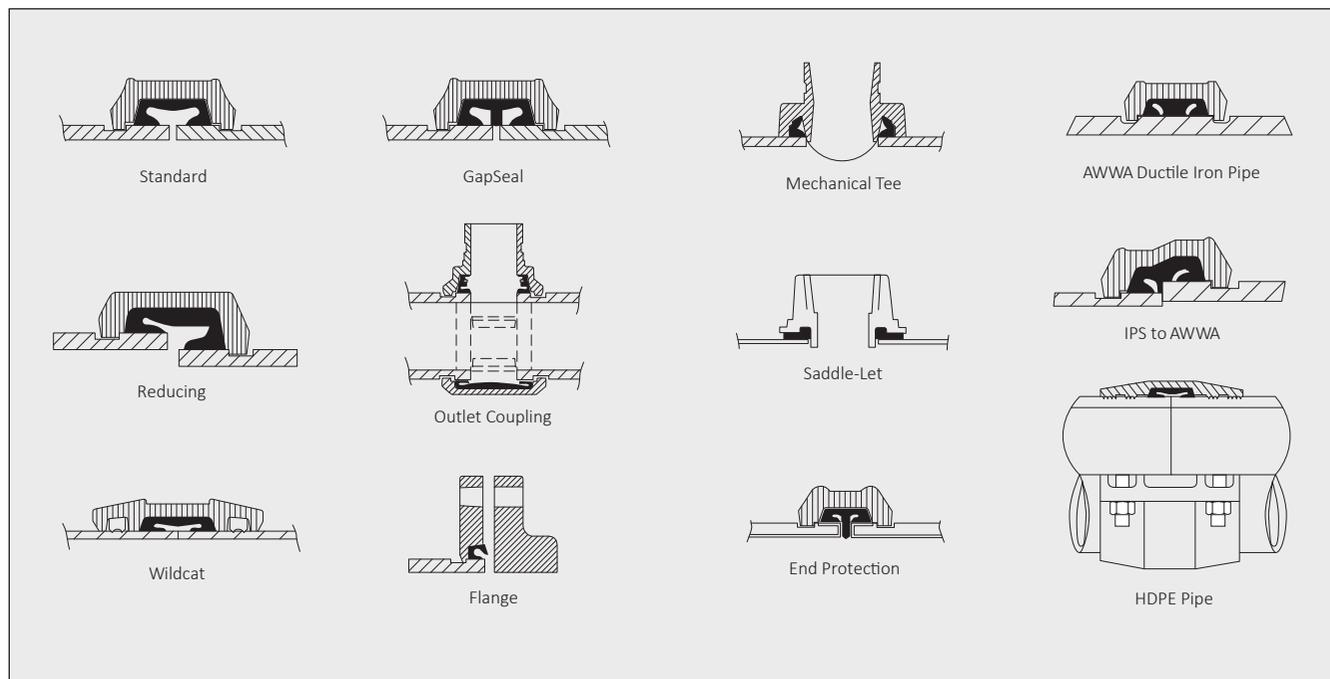
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STANDARD GASKETS

Compound	Grade	Color Code	Recommended Services	Maximum Temp. Range
EPDM	E	Green 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. Not recommended for petroleum oils, solvents and aromatic hydrocarbons.	-29°F (-34°C) to +230°F (+110°C)
Nitrile	T	Orange Stripe	Good for petroleum oils, mineral oils, vegetable oils, aromatic hydrocarbons, many acids and water ≤ +150°F (+65°C).	-20°F (-29°C) to +180°F (+82°C)
White Nitrile	A	White Gasket	Good for oily and greasy food products and processing, as well as pharmaceutical and cosmetics manufacturing. Compounded from FAD approved ingredients (CFR Title 21 Part 177.2600).	-20°F (-7°C) to +180°F (+82°C)
Silicone	L	Red Stripe	Good for dry, hot air without hydrocarbons and some high temperature chemical services. May also be used for fire protection dry systems.	-29°F (-34°C) to +350°F (+177°C)
Fluoro-elastomer (Viton)	O	Blue Stripe	Good for many oxidizing acids, petroleum oils, halogenated hydrocarbons, lubricants, hydraulic fluids, organic liquids and air with hydrocarbons to +300°F (+149°C).	-20°F (-7°C) to +300°F (+149°C) [®]

GASKETS STYLES

Due to the number of Lede products offered and the variety of service applications, a wide variety of gaskets are available. Even though the products and gaskets may look different the sealing principles remain the same. The following are some of the most common gasket styles.



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VACCU SERVICES

Lede standard gaskets are designed to seal well under vacuum conditions up to 10 inHg (254 mmHg) which may occur when a system is drained. For continuous services greater than 10 inHg (254 mmHg), the use of GapSeal gaskets or EP (end protection) gaskets in combination with rigid style couplings is recommended. Contact Lede for specific recommendations.

DRY PIPE AND FREEZER SERVICES

Lede recommends the use of GapSeal Grade E gaskets for dry pipe fire protection systems and freezer applications. The GapSeal gasket close off the gap between the pipes or gasket cavity. This will prevent any remaining liquid from entering the cavities and freezing when the temperature drops.

Do not use the normal lubricant for dry pipe and freezer systems. Always use a petroleum free silicone based lubricant.

Rigid couplings are preferred for dry pipe, freezer and vacuum applications. Reducing couplings are not recommended for these applications.

Weights:

All weights are approximate and subject to change without notice.

Lede reserves the right to change or modify product designs, specifications and/or standard equipment without notice and without incurring obligation.

Sales:

Prices and Terms and Conditions of Sale are subject to change without notice.

Warranty:

We warrant all Lede products to be free from defects in materials and workmanship under normal conditions of use and service. For more information please contact LEIDE.