

# SOFT CUT GASKETS

## Full Face & Ring Gasket Styles On Demand

### The easy way to buy common gaskets!

Garlock Cut gaskets provide an economical way to purchase standard gaskets off the shelf for common pipe flange sizes.

Available in your most popular materials including:  
Styles 2500, 3000, 5500, 3760 and 3125SS

Sizes from 3/4" to 24" available Ex Stock

Ask for information on Garlock "Flange Free"!

#### Value and Benefits:

##### Aramid Fiber and NBR (2500 & 3000)

Cover a wide range of standard applications.

##### Inorganic Fiber and NBR (5500)

Improved operational capability above Aramid Fibers.

##### Multi-Swell™ (3760)

Low bolt load gasket that swells when in contact with oil and water.

##### Graph-Lock® (3125SS)

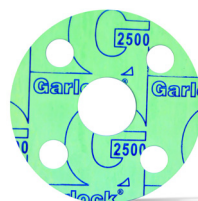
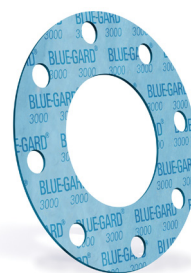
For Extreme operating conditions and ease of use.

#### Choose the Performance rating:

- **General**
  - Style 2500
  - Style 3000
- **Premium**
  - Style 5500
- **High Performance**
  - Style 3760
  - 3125SS

#### Flange Styles:

- Table D & E Full Face
- Table D & E Ring Gasket
- ASA 150 & 300 Ring Gasket
- ASA 150 & 300 Full Face



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Refer to the following Gasket Sheet Performance Chart for easy Comparison

General Information	General	Premium	High Performance		
	2500	3000	5500	3760	3125SS
Fiber	Aramid	Aramid	Inorganic	Aramid	
Binder	NBR	NBR	NBR	Proprietary	
Graphite Construction					GRAPH-LOCK
316 st.st. Insert					Foil
Min. Temperature	-73	-75	-75	-75	-240
Max. Temperature	-	370	425	205	650
Max. Cont. Temperature (steam)	-	-	290	-	650
Max. Cont. Temperature (atm)	205	205	290	205	454
Max Pressure bar	70	70	83	35	140
P x T - 0.8 & 1.5 3 mm	8,600	12,000	14,000	5,100	25,000
	5,100	8,600	9,600	3,400	12,000
Compressibility (ASTM F36) %	7-17	7-17	7-17	15-30	43
Recovery (ASTM F36) %	40	50	50	40	14
Sealability	1.0	0.2	0.2	0.15	1.0
Gas Permeability	-	0.05	0.05	-	1.5
Potable Water	Yes	Yes		Yes	
Oxygen Service		Yes	Yes		
Gas Storage		Yes			
Certifications Shipping		Yes	Yes		Yes
Air Emissions		Yes	Yes		
Military					
Fire Safe			Yes		Yes

## Materials of Construction

### Aramid Fibre

- Man-made organic fiber introduced by DuPont under the trade name KEVLAR® in the early 1970s. Good wear resistance, thermal and electrical insulation properties. Very high tensile strength, high modulus, and low density. Starts degrading between 260°C and 315°C with very little aramid left at 425°C. Attacked by concentrated hot acids or caustics.

### Inorganic Fibre Gasket (IFG)

- A proprietary Garlock formulation of unique inorganic fibres, fillers and NBR binder offering high temperature, high thermal stability, high torque retention, less weight loss and maximum sealability benefits above BlueGard 3000 Aramid Fibres.

### Graphite Flake

- One of two crystalline forms of the element carbon, being one of the most stable and chemically resistant materials in the world. Does not melt, but sublimates (changes from the solid to gas state, bypassing the liquid state at temperatures over 2980°C, or, in the presence of oxygen oxidation above 450°C). Excellent conductor of heat.

### Nitrile or Buna-N

Acrylonitrile Butadiene (NBR) resistant to fats, oils, greases, and aliphatic hydrocarbons. Not ozone resistant and attacked by ketones, esters, aldehydes, and aromatic, chlorinated, and nitro hydrocarbons.

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