

* Representative Image

**Aeroquip**

# NK1000063C500

**Flexmaster** - FLEXMASTER GASKET

## Product Specifications

None currently available.

## Overview & Features

Flexmaster® connectors are a flexible joint ideal for making quick and secure low pressure industrial piping connections.

### Features

- Absorbs vibration
- Quick assembly
- Fixes piping misalignments
- Easy installation
- Available gasket materials: Nitrile, high temp Nitrile, Fluorocarbon, Silicone, and EPDM
- Can be used with carbon steel, stainless steel, aluminum, PVC, and copper tubing

## Where Used

### Buildings

**Applications:**

- General Fluid Conveyance

### Machine building

**Platforms:**

- CNC Machining
- Metal /Hydro Forming
- Metal Stamping and Shearing
- Plastics

**Applications:**

- General Fluid Conveyance

### Marine

**Applications:**

- Engines and General Fluid Conveyance

### Mining, metals and minerals

**Platforms:**

- Ball Mill
- Coal Mill
- Continuous Miner
- Conveyors
- Excavator
- Exploration Drill Rig
- Foundry Casting
- Highway Vocational Truck
- Longwall Mining System
- Mobile Crusher
- Off-Highway Dump Truck
- Reclaimer
- Rope Shovel
- Semi-Continuous Mining System
- Shuttle Car
- Stacker
- Stationary Crusher
- Steel Mill Furnaces

- Surface Drill Rig
- Underground Drill Rig
- Wheel Loader

**Applications:**

- Engines
- General Fluid Conveyance

## Mobile machinery and equipment

**Platforms:**

- 0-40 hp
- 100+ hp
- 40-100 hp
- Aerial Work Platforms (Scissor & Boom)
- All hp
- Application Equipment
- Backhoe Loader
- Balers
- Biomass Processing
- Combines
- Compactor
- Concrete Pump
- Crane
- Crawler Dozer
- Cultivation Equipment
- Defoliating Equipment
- Delimers
- Excavator
- Feller Bunchers
- Forwarders
- Irrigation
- Irrigation Systems
- Lift Trucks
- Loaders
- Mowers
- Paver
- Row Crop Planters
- Self-Propelled Forage Harvesters
- Self-Propelled Sprayers
- Self-Propelled Windrowers
- Skid Steer Loader
- Skidders
- Specialty Equipment/Debris
- Specialty Harvesting
- Stump Griners and Wood Chippers
- Telehandler
- Tractors - 2WD:
- Tractors - 4WD:
- Tree Harvesters
- Trimming Equipment
- Utility Vehicles
- Wheeled Loader
- Yarders

**Applications:**

- Engines

## Oil and gas

**Platforms:**

- Downstream: Convenience store/ Gas station
- Downstream: Liquefied Natural Gas/ Compressed Natural Gas
- Downstream: Petrochemical
- Downstream: Refining (Ethanol/ Biodiesel)
- Downstream: Terminal Operations (refined gas and liquids)
- Midstream: Pipeline
- Midstream: Saddle Plants
- Midstream: Terminal Operations (unrefined gas and liquids)
- Upstream: Offshore (fixed or floater) BOP Control Systems
- Upstream: Offshore (fixed or floater) Drill Systems
- Upstream: Offshore (fixed or floater) Equipment Handling
- Upstream: Offshore (fixed or floater) Hoisting Systems
- Upstream: Offshore (fixed or floater) Mooring Systems
- Upstream: Offshore (fixed or floater) Motion Compensation
- Upstream: Offshore (fixed or floater) Offloading Systems
- Upstream: Offshore (fixed or floater) Pedestal Cranes
- Upstream: Offshore (fixed or floater) Seismic Vessel Systems
- Upstream: Onshore Blow-out Preventers
- Upstream: Onshore Drilling Operations
- Upstream: Onshore Hoisting Systems
- Upstream: Onshore Pump Jacks
- Upstream: Onshore Seismic Vibrator Trucks
- Upstream: Subsea Blow-out Preventers
- Upstream: Subsea Control Module
- Upstream: Subsea Flying Leads & Assemblies
- Upstream: Subsea Manifold/Sled
- Upstream: Subsea Production Umbilicals
- Upstream: Subsea Remote Operated Vehicles
- Upstream: Subsea Separation/Pumping
- Upstream: Subsea Tree

**Applications:**

- General Fluid Conveyance

## Rail

**Applications:**

- Compressors

## Vehicles

**Platforms:**

- Dump
- Fire and Rescue
- Heavy Duty On-Highway
- Medium Duty On-Highway
- Pick-Up and Delivery (LTL)
- Public Transportation
- Refuse Truck
- Trailers
- Transit Mixer
- Wrecker/Recovery

**Applications:**

- Engines

# Value Propositions

★ = Denotes point of differentiation

| | Value Proposition Statement | Audiences | | |
|---|---|---|---|---|
| | | OEM | Distributor | End User |
| | Stainless steel sleeve option and different seal materials allows for product application diversity | ☑ | ☐ | ☐ |
| ★ | Stainless steel Flexmaster® connectors have 42% less components than competitor D. This allows for assemblers spending less time to install Flexmaster® joints. | ☑ | ☐ | ☐ |
| ★ | Flexmaster® joints are available in multiple configurations including 45°, 90°, and Tee shapes. Competitor D only offers straight configuration. | ☑ | ☐ | ☐ |
| | This allows assemblers with more versatility when designing piping systems. | ☑ | ☐ | ☐ |
| | Can be used with a variety of carbon steel, stainless steel, aluminum, PVC, and copper tubing | ☑ | ☐ | ☐ |
| | Decreases inventory carrying costs due to the fact that multiple joint solutions do falset need to be inventoried | ☑ | ☐ | ☐ |
| | Eaton provides local support and engineering capabilities to aid our distributors in their efforts to resell Flexmaster® connectors | ☐ | ☑ | ☐ |
| | Prototyping and specials available around the world | ☐ | ☑ | ☐ |
| | Product inventoried locally around the world | ☐ | ☑ | ☐ |
| | Knowledgeable support before and after the sale | ☐ | ☑ | ☐ |
| | Eaton offers a one stop shop , which decreases number of purchase orders, freight cost | ☐ | ☑ | ☐ |
| | Flexmaster® sleeves are available in stainless steel | ☐ | ☐ | ☑ |
| | This reduces the cost of ownership due to its resistance when exposed to harsh environmental conditions. | ☐ | ☐ | ☑ |
| | Eaton's Distribution Network makes Flexmaster® connectors available globally to decrease equipment downtime | ☐ | ☐ | ☑ |
| | Flexmaster® gaskets come standard with color identification codes. | ☐ | ☐ | ☑ |
| | This allows the end user to kfalsew exactly which type of gasket needs to be used as a replacement leading to proper equipment operation. | ☐ | ☐ | ☑ |
| ★ | Dura-Kote plating technology on carbon steel Flexmaster® connectors offers up to 1,000 hours of corrosion resistance | ☐ | ☐ | ☑ |
| | Equipment resale prices are improved | ☐ | ☐ | ☑ |
| | Replacement costs are decreased | ☐ | ☐ | ☑ |
| | Vibration resistance feature leads to less product failures | ☐ | ☐ | ☑ |
| | Decreases downtime of equipment. | ☐ | ☐ | ☑ |

# Tools & Collateral

## Catalog

E-MEFL-MR001-E2 (North America)

## Website

Eaton Website - Flexmaster

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