TASK-LINE® GASKETS
The original is still the best.

TASK-LINE ADVANTAGES
• Maximum protection
• Zero corrosion rate
• No retorquing after installation
• Blowout protection
• No fabrication or waste
• Reusable
• Non-porous
• Seats easily/releases easily
• Cryogenic to +400°F (204°C)

TASK-LINE DESIGN
Through a proprietary process, FDA approved, pure virgin PTFE resin is compression molded around and through a 304 stainless steel, perforated metal insert. After oven sintering, every gasket undergoes a 15,000-volt spark test to check for pinholes. The porous-free PTFE resin 100% encapsulates the stainless insert, isolating it from any fluid contact while in service.

NO MORE FABRICATION; EASY INSTALLATION
TASK-LINE gaskets are molded to size, 1/2” through 24” in class 150# and 300# ANSI ratings with a nominal thickness of 1/8” or 3/32” (other thicknesses available upon request). Installation is quick and simple. TASK-LINE gaskets are self-aligning and seat easily to any flange in almost any condition.

TASK-LINE BENEFITS
TASK-LINE gaskets have a temperature range of cryogenic to 400°F (consult factory for higher temperatures) and are chemically resistant to: all acids, all chlorides, all sulfates, all bleach solutions, all solvents, all phenols, all caustics, and all peroxides. TASK-LINE gaskets are leak-free and bubble-tight and can be used over and over without sacrificing sealing ability. TASK-LINE gaskets have zero corrosion rates which contribute to lower life-cycle costs when compared to envelope or solid gasket types.

TASK-LINE PERFORMANCE
In terms of performance and longevity, nothing comes close. When installed between two flanges, the PTFE-encapsulated metal insert restricts the PTFE from cold flow/creep while under load. The metal insert prevents radial flow of the gasket which eliminates bolt retorquing after installation, maintaining a tight seal even through repeated temperature cycles. The strength of the metal insert also provides critical, blowout-proof protection. Another benefit of TASK-LINE gaskets is the PTFE’s non-stick property which allows it to easily release from flanges during disassembly without any scraping.

Task-Line gaskets have been tested in excess of the above pressures. Consult factory for higher pressure applications.
### TASK-LINE GASKETS SIZING TABLE AND PART NUMBERS

<table>
<thead>
<tr>
<th>Size (in)</th>
<th>Part Number (150# Flange)</th>
<th>ID X OD</th>
<th>Part Number (300# Flange)</th>
<th>ID X OD</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/2</td>
<td>TLG0050</td>
<td>.500 X 1.875</td>
<td>3TLG0050</td>
<td>.500 X 2.115</td>
</tr>
<tr>
<td>1/2 ANSI</td>
<td>ATLG0050</td>
<td>.840 X 1.875</td>
<td>A3TLG0050</td>
<td>.840 X 2.115</td>
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<tr>
<td>3/4</td>
<td>TLG0075</td>
<td>.750 X 2.250</td>
<td>3TLG0075</td>
<td>.750 X 2.625</td>
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<tr>
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<td>1.000 X 2.250</td>
<td>A3TLG0075</td>
<td>1.000 X 2.625</td>
</tr>
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<td>TLG0100</td>
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<td>1.000 X 2.875</td>
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<td>1 ANSI</td>
<td>ATLG0100</td>
<td>1.300 X 2.625</td>
<td>A3TLG0100</td>
<td>1.300 X 2.875</td>
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<tr>
<td>1-1/4</td>
<td>TLG0125</td>
<td>1.375 X 3.000</td>
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<td>1.375 X 3.250</td>
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<tr>
<td>1-1/2</td>
<td>TLG0150</td>
<td>1.500 X 3.375</td>
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<td>1.500 X 3.750</td>
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<tr>
<td>1-1/2 ANSI</td>
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<td>1.900 X 3.375</td>
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<td>1.900 X 3.750</td>
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<td>TLG0200</td>
<td>2.000 X 4.125</td>
<td>3TLG0200</td>
<td>2.000 X 4.375</td>
</tr>
<tr>
<td>2 ANSI</td>
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<td>A3TLG0200</td>
<td>2.375 X 4.375</td>
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<td>2.500 X 5.125</td>
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<tr>
<td>3</td>
<td>TLG0300</td>
<td>3.000 X 5.375</td>
<td>3TLG0300</td>
<td>3.000 X 5.875</td>
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<td>3.500 X 5.375</td>
<td>A3TLG0300</td>
<td>3.500 X 5.875</td>
</tr>
<tr>
<td>4</td>
<td>TLG0400</td>
<td>4.000 X 6.875</td>
<td>3TLG0400</td>
<td>4.000 X 7.125</td>
</tr>
<tr>
<td>4 ANSI</td>
<td>ATLG0400</td>
<td>4.500 X 6.875</td>
<td>A3TLG0400</td>
<td>4.500 X 7.125</td>
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<tr>
<td>5</td>
<td>TLG0500</td>
<td>5.000 X 7.750</td>
<td>3TLG0500</td>
<td>5.000 X 8.500</td>
</tr>
<tr>
<td>6</td>
<td>TLG0600</td>
<td>6.000 X 8.750</td>
<td>3TLG0600</td>
<td>6.000 X 9.875</td>
</tr>
<tr>
<td>8</td>
<td>TLG0800</td>
<td>8.000 X 11.000</td>
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<td>8.000 X 12.125</td>
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<td>10.000 X 14.250</td>
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<td>3TLG1200</td>
<td>12.000 X 16.625</td>
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<tr>
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<td>3TLG1400</td>
<td>13.250 X 19.125</td>
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<td>3TLG1600</td>
<td>15.500 X 21.25</td>
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<tr>
<td>18</td>
<td>TLG1800</td>
<td>17.500 X 21.625</td>
<td>3TLG1800</td>
<td>17.500 X 23.500</td>
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<td>24</td>
<td>TLG2400</td>
<td>23.250 X 28.250</td>
<td>3TLG2400</td>
<td>23.250 X 30.500</td>
</tr>
</tbody>
</table>

Other sizes available upon request.

PureFlex’s advanced manufacturing processes yield the highest quality gaskets.
**TASK-LINE® LINED PIPE GROUNDING PADDLES**
Putting safety first.

**TASK-LINE ADVANTAGES**
- Save over 60% in procurement and installation
- Protects lined piping and instrumentation
- Zero corrosion rate
- Blowout protection
- Non-porous
- Eliminates scrap waste
- Seats easily
- Comes complete in kit form

**RELEASE THE STATIC MONSTER**
Special consideration should be given to the transportation of flammable liquids through linings that incorporate a grounded metal backing, such as a steel pipe lined with PTFE or other plastic. The electrical volume resistivity of PTFE-lined pipe is \(10^{18}\) ohm-cm. This value is characteristic of highly insulating materials capable of accumulating dangerous levels of static charge for several hours, even days. Materials having less than or equal to \(10^9\) ohm-cm are considered to be static dissipative/conductive.

Due to the large, effective capacitance of the PTFE against a steel housing, large surface-charge densities may be formed. These densities give rise to highly energetic, lightning-like sparks in rapid succession known as propagating brush discharges. Such discharges have the potential to ignite most flammable atmospheres and can even ignite some of the more sensitive dusts. Pinholes in the PTFE liner may also be formed by these strong electrostatic charges. If left unchecked, these pinholes will cause premature pipe failure which will lead to chemical leaks and subsequent environmental concerns.

**TASK-LINE DESIGN**
Through a proprietary process, static-dissipating PTFE resin is compression molded around and through a 304 stainless steel, perforated, metal insert. After oven sintering, the porous-free, static-dissipating PTFE resin 100% encapsulates the stainless insert, isolating it from any fluid contact while in service. TASK-LINE lined pipe grounding paddles have conductivity/static dissipating properties (volume resistivity) of less than or equal to \(10^6\) ohm-cm.

**NO MORE FABRICATION OR GASKETS**
TASK-LINE lined pipe grounding paddles are molded to size, 1” through 6” (other sizes available upon request) in class 150# ANSI ratings with a nominal thickness of 1/8”. The paddle handle extends 2” above the flange and is pre-drilled for grounding hardware and cable (included). TASK-LINE lined pipe grounding paddles self align and seat easily to any 150# ANSI, lined pipe flange and never require gaskets.

**150# PRESSURE-TEMPERATURE LIMITS**
COMPATIBLE WITH ALL 150# LINED PIPE SYSTEMS

TASK-LINE LINED PIPE GROUNDING PADDLES SIZING TABLE AND PART NUMBERS

<table>
<thead>
<tr>
<th>Size (in)</th>
<th>Part Number [150# Flange]</th>
<th>ID X OD</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>TGP0100</td>
<td>0.687 X 2.625</td>
</tr>
<tr>
<td>1-1/2</td>
<td>TGP0150</td>
<td>1.250 X 3.375</td>
</tr>
<tr>
<td>2</td>
<td>TGP0200</td>
<td>1.687 X 4.125</td>
</tr>
<tr>
<td>3</td>
<td>TGP0300</td>
<td>2.687 X 5.375</td>
</tr>
<tr>
<td>4</td>
<td>TGP0400</td>
<td>3.687 X 6.875</td>
</tr>
<tr>
<td>6</td>
<td>TGP0600</td>
<td>5.500 X 8.750</td>
</tr>
</tbody>
</table>

Other sizes available upon request.

TASK-LINE BENEFITS
TASK-LINE lined pipe grounding paddles have a temperature range from cryogenic to +400°F and are chemically resistant to: all acids, all chlorides, all sulfates, all bleach solutions, all solvents, all phenols, all caustics, and all peroxides, TASK-LINE grounding paddles’ unusual non-stick property eliminates/reduces ion formation, oxidation and scale build-up, all of which can render alloy paddles useless. TASK-LINE lined pipe grounding paddles come complete in kit form with everything needed for a quick and easy installation.

TASK-LINE GROUNDING PADDLES ARE NON-CONTAMINATING
Independent laboratory testing has proven that TASK-LINE grounding paddles are non-contaminating and non-leaching. This limits the possibility of process contamination.

TASK-LINE PERFORMANCE
In terms of performance and longevity, no other grounding paddle compares. When installed between two lined pipe flanges and grounded to a suitable earth ground, TASK-LINE lined pipe grounding paddles provide a path for static discharges to exit the hostile atmosphere generating inside the lined pipe. The strength of the metal insert inside the grounding paddles provides critical blowout-proof protection. TASK-LINE grounding paddles have zero corrosion rates along with much lower procurement and installation costs when compared to fabricated or competitive alloy paddles. TASK-LINE grounding paddles can also help protect instrumentation devices from inaccurate readings and damage when exposed to static discharges.
TASK-LINE®
PIPELINE FLUID BLOCKERS
Nothing gets in. Nothing gets out.

TASK-LINE ADVANTAGES
• Save over 75% in procurement and installation
• Quick and easy installation
• No gaskets required
• No fabrication or waste
• Zero corrosion rate
• Blowout protection
• Reusable
• Non-porous
• Seats easily/releases easily

To be used as temporary fluid blockers during maintenance of downstream equipment

TASK-LINE DESIGN
Through a proprietary process, FDA-approved, pure virgin PTFE resin is compression molded around and through a heavy-gage, 304 stainless steel, perforated, metal insert. After oven sintering, the porous-free PTFE resin 100% encapsulates the stainless insert, isolating it from any fluid contact while in service.

NO MORE FABRICATION OR GASKETS
TASK-LINE pipeline fluid blockers (line blockers) are molded to size, 1” through 6” (other sizes available upon request) in class 150# ANSI dimensions with a nominal thickness of 1/8”. Installation and removal are a snap with its integral molded paddle handle. The handle extends 2” above the flange and has a pre-drilled 3/8” hole for tagging (while in service) or hanging (while in storage).

The handle can be factory painted for identification purposes. TASK-LINE line blockers self-align and seat easily to any 150# ANSI flange and never require gaskets.

TASK-LINE BENEFITS
In terms of performance and longevity, TASK-LINE pipeline fluid blockers set the standard. Line blockers have a temperature range from cryogenic to +400°F and are chemically resistant to: all acids, all chlorides, all sulfates, all bleach solutions, all solvents, all phenols, all caustics, and all peroxides. TASK-LINE pipeline fluid blockers are leak-free, bubble-tight, and can be used over and over without sacrificing sealing ability. TASK-LINE line blockers have zero corrosion rates which contribute to lower life-cycle costs when compared to fabricated or competitive alloy paddles.

TASK-LINE PERFORMANCE
When installed between two flanges, TASK-LINE line blockers block out all pipeline fluid. The PTFE-encapsulated metal insert reduces any radial flow which eliminates bolt retorquing after installation, maintaining a bubble-tight seal. The strength of the metal insert also provides critical, blowout-proof protection. Another benefit of TASK-LINE line blockers is the PTFE’s non-stick property which allows it to easily release from flanges during disassembly without any scraping.

PRESSURE-TEMPERATURE LIMITS
To be used as temporary fluid blockers during maintenance of downstream equipment.

*Consult factory for higher pressure applications.*
PureFlex Products

800 series
Lined Composite Butterfly
Severe chemical / ultra-pure applications.

860 series
Resilient seated composite butterfly
Food and chemical services.

400 series
Composite ball valve
Superior features / Chemical services.

CL2™
Chlorine/Bromine hose PTFE with PVDF braid.

PureSite™
Unbreakable translucent FEP sight gages.

Heated Hoses
Electrically heat any PureFlex hose up to 450° F.

MTH™ (Metal PTFE Hose)
Flexible metal hose with smooth bore PTFE liner.

ProFlex™ PFA
Industrial grade, high quality, convoluted hose.

SmoothFlex™
Smooth bore PTFE hose with stainless steel braid.

PVC
Crystal clear FDA approved hose and tubing.

PureFlex,® Inc.  Phone: (616) 554-1100  Fax: (616) 554-3633  Website: www.pureflex.com

Durcor Product Line

DURCOR-62®
Durcor-62® Lap Joint Flanges are manufactured from PureFlex proprietary advanced fiber reinforced composite.

DURCOR®
Durcor® is the world’s first advanced structural composite piping system designed exclusively to be lined with seamless PTFE.

LEARN MORE AT WWW.DURCOR.COM

TASK-LINE LINED PIPE FLUID BLOCKERS SIZING TABLE AND PART NUMBERS

<table>
<thead>
<tr>
<th>Size (in)</th>
<th>Part Number (150# Flange)</th>
<th>OD</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/2</td>
<td>TLB0050</td>
<td>1.875</td>
</tr>
<tr>
<td>3/4</td>
<td>TLB0075</td>
<td>2.250</td>
</tr>
<tr>
<td>1</td>
<td>TLB0100</td>
<td>2.625</td>
</tr>
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<td>1-1/2</td>
<td>TLB0150</td>
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<td>2</td>
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<tr>
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<td>4</td>
<td>TLB0400</td>
<td>6.875</td>
</tr>
<tr>
<td>6</td>
<td>TLB0600</td>
<td>8.750</td>
</tr>
</tbody>
</table>

Other sizes available upon request.
MARKETS
Chemical Process
Pharmaceutical
Steel
Food Processing
Automotive
Agriculture
Pulp and Paper
Petroleum
Mining
Railroad
Dairy
Textile
Semiconductor

APPLICATIONS
Acid Transfer
Pickling
Reverse Osmosis
Steam Transfer
Molding Equipment
Adhesives
Air Actuation
Sanitary Transfer
Purification Systems
Centrifuges
Extrusion Presses
Caustic Wash
High Purity

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TASK-LINE 399-1211