**INTEGRA SERIES GASKETS**

**SEVERE SERVICE CATHODIC ISOLATING GASKETS**

The Integra Series gaskets are exceptionally dependable for isolating and sealing purposes in severe service applications. These gaskets are applicable for:
- Isolating between flanges of dissimilar metals to prevent galvanic corrosion.
- Wellhead isolation from inter-connected flow lines.
- Mating mismatched dissimilar flanges.
- Eliminate turbulence and flow-induced erosion between ring-joint (RTJ) flanges.
- Protect against corrosion on uncoated or scarred flange faces.
- Seal between flanges subjected to vibration/cavitations.
- Eliminate corrosion from forming in the cavities between RTJ flanges where intense modes of hostile chemicals may be present.

### Applications

- Critical Fire Safe Applications
- Incorporates high-temp sealing characteristics of kammprofile with a highly dielectric mineral secondary seal.
- Highly suitable for all severe service applications up to and including ANSI 2500# and API 10,000# classes.
- Zero-free leaks for high sulfur content crude oil or H2S gas fugitive emissions, proven through multiple applications.
- API 6FB Approved.
- Available with hardened-coated steel washers and various sleeve options.

### Max Operating Temp

<table>
<thead>
<tr>
<th>INTEGRA II SSA</th>
<th>INTEGRA II SSAFS</th>
<th>INTEGRA II SSAID</th>
<th>INTEGRA XT</th>
<th>INTEGRA HS</th>
<th>INTEGRA Z</th>
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</thead>
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## GASKETS ONLY

<table>
<thead>
<tr>
<th>Picture</th>
<th>Applications</th>
<th>Max Operating Temp</th>
<th>Compressive Strength</th>
<th>Dielectric Strength</th>
<th>Water Absorption</th>
<th>Flexural Strength</th>
<th>Tensile Strength</th>
<th>Bond Strength</th>
<th>Shear Strength</th>
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</thead>
<tbody>
<tr>
<td>- Severe Service Applications up to and including ANSI 2500# and API 10,000# classes. - Designed for severe isolating service in harsh environmental applications, especially where hydrocarbons are a factor. - Various sleeve &amp; washer options available.</td>
<td>- Suitable for high chloride content or other highly corrosive media. - Zero-free leaks for high sulfur content crude oil or H2S gas fugitive emissions, proven through multiple applications. - API 6FB Approved. - Available with hardened-coated steel washers and various sleeve options.</td>
<td>- Critical fire safe applications - Incorporates high-temp sealing characteristics of kammprofile with a highly dielectric mineral secondary seal. - Highly suitable for all severe service applications up to and including ANSI 2500# and API 10,000# classes. - Zero-free leaks for high sulfur content crude oil or H2S gas fugitive emissions, proven through multiple applications. - API 6FB Approved. - Available with hardened-coated steel washers and various sleeve options.</td>
<td>G10: 66,000 PSI G11: 58,000 PSI</td>
<td>G10: 800 VPM G11: 550 VPM</td>
<td>G10: 0.04% G11: 0.08%</td>
<td>G10: 65,000 PSI G11: 58,000 PSI</td>
<td>G10: 51,000 PSI G11: 41,000 PSI</td>
<td>G10: 2,600 lb. G11: 2,200 lb.</td>
<td>G10: 22,000 lb. G11: 21,200 lb.</td>
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</tbody>
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