To Order Please Specify The Following:

1. Bolt Diameter (flat to flat)
2. Model
3. Special length caps, if required
4. Colors other than black

Other Quality Products Available

- Kleerband® Flange Protectors
- Radolid® Nut & Bolt Protection Caps
- Casing Insulators and End Seals
- Interlynx® - Modular Mechanical Seals
- IsoJoint® - Monolithic Isolators
- Foreman Nite Caps - temporary pipe plugs
- Standard Isolating Gasket Kits
- Integra Series - Severe Service Gasket Kits
- Gal-vo-plast® & Infinity® Wall Sleeves
- U-Bolt-Cole® & Atlas Pipe Support Pads
- Safety Spray Shields

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ISO-9001:2015 CERTIFIED COMPANY - FM537405
Radolid® Protection Caps are used to eliminate corrosion of nuts and bolts and allow quick removal when necessary. These caps are easily installed by being pressed onto the bolted joint by hand. The barbed edge snaps in place, preventing the caps from accidentally being removed. Manufactured of low density UV-resistant polyethylene, these caps are reusable and will keep nuts and bolts corrosion free for years.

Variety of Types

- Suitable for wind turbines and anchor bolts
- Various heights for different excess bolt lengths
- Self-cutting threads for a firm & secure hold

KleerGel® Corrosion Inhibitor
KleerGel® Corrosion Inhibitor is a heavy-duty, synthetic lubricant with optical clarity. It is non-staining, non-toxic, non-flammable and free of contamination, allowing the KleerGel® to maintain a good viscosity over wide temperature ranges (-50°F to 500°F). It is NSF H-1 "food-grade" approved and can be utilized on potable water systems or food processing equipment without contaminating the water or other products.

Benefits of KleerGel®
- Heavy-duty, synthetic lubricant
- Superior transparency
- Non-Staining
- Non-flammable
- Maintains good viscosity from -50°F to 500°F
- NSF H-1 Certified "food-grade" lubricant
- Lasts four times longer than petroleum-based lubricants
- Reduces energy consumption by decreasing friction
- Machinery shows less wear and will run cooler thereby increasing its life expectancy
- Excellent adhesion - will not drip, run or evaporate
- Dielectric - will not conduct electricity
- Will not damage wood, leather, plastic, fabrics, metals or painted surfaces
- Hydrophobic - 100% waterproof and will not wash out with hot, cold or salt water

Radolid® Specifications
Size Range: 1/4" to 3 3/4" diameter bolt or stud

<table>
<thead>
<tr>
<th>Minimum Height</th>
<th>Maximum Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/8&quot;</td>
<td>8&quot;</td>
</tr>
</tbody>
</table>

Standard Operating Temperature (°F):

<table>
<thead>
<tr>
<th>Minimum</th>
<th>Maximum</th>
</tr>
</thead>
<tbody>
<tr>
<td>-84</td>
<td>+220°</td>
</tr>
</tbody>
</table>

* other high temp material available to 428°F

Thermoplastic Synthetic Materials for Radolid® Caps

<table>
<thead>
<tr>
<th>MATERIALS</th>
<th>PLASTIC TYPE</th>
<th>DENSITY</th>
<th>HARDNESS</th>
<th>TEMPERATURE RESISTANCE</th>
<th>BREAKDOWN</th>
<th>RESISTANCE</th>
<th>NOT RESISTANT TO</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard</td>
<td>LD-PE</td>
<td>0.918</td>
<td>96 A/45 D</td>
<td>212°F (100°C)</td>
<td>170°F</td>
<td>Aromatic, halogenated hydrocarbons, oxidizing agents, such as nitric acid, fluoric acid, chlorine gases</td>
<td></td>
</tr>
<tr>
<td>Special</td>
<td>Polypropylene PP</td>
<td>0.900</td>
<td>99 A/62 D</td>
<td>264°F (130°C)</td>
<td>212°F</td>
<td>Hydrochloric acid, fluoric acid, chlorine gases</td>
<td></td>
</tr>
<tr>
<td>Special</td>
<td>Polyetherester</td>
<td>1.250</td>
<td>98 A/72 D</td>
<td>320°F (160°C)</td>
<td>249°F</td>
<td>Acids, oxidizing agents</td>
<td></td>
</tr>
<tr>
<td>Special</td>
<td>Polymad PA 66</td>
<td>1.140</td>
<td>99 A/70 D</td>
<td>42°F (22°C)</td>
<td>320°F</td>
<td>Fluorine, fluoro hydrocarbon, fluoro acids</td>
<td></td>
</tr>
<tr>
<td>Special</td>
<td>ETFE</td>
<td>1.700</td>
<td>99 A/90 D</td>
<td>43°F (22°C)</td>
<td>302°F</td>
<td>Fluorine, fluoro hydrocarbon, fluoro acids</td>
<td></td>
</tr>
</tbody>
</table>

Available in black, clear, white, red, grey, chrome and other special colors upon request.
Radolid® Protection Caps are used to eliminate corrosion of nuts and bolts and allow quick removal when necessary. These caps are easily installed by being pressed onto the bolted joint by hand. The barbed edge snaps in place, preventing the caps from accidentally being removed. Manufactured of low density UV-resistant polyethylene, these caps are reusable and will keep nuts and bolts corrosion free for years.

### Variety of Types

#### Type BM

- Suitable for wind turbines and anchor bolts
- Various heights for different excess bolt lengths
- Self-cutting threads for a firm & secure hold

### Benefits of KleerGel®

- Heavy-duty, synthetic lubricant
- Superior transparency
- Non-Staining
- Non-flammable
- Maintains good viscosity from -50°F to 500°F
- NSF H-1 Certified “food-grade” lubricant
- Lasts four times longer than petroleum-based lubricants
- Reduces energy consumption by decreasing friction
- Machinery shows less wear and will run cooler thereby increasing its life expectancy
- Excellent adhesion - will not drip, run or evaporate
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### KleerGel® Corrosion Inhibitor

KleerGel® Corrosion Inhibitor is a heavy-duty, synthetic lubricant with optical clarity. It is non-staining, non-toxic, non-flammable and free of contamination, allowing the KleerGel® to maintain a good viscosity over wide temperature ranges (-50°F to 500°F). It is NSF H-1 “food-grade” approved and can be utilized on potable water systems or food processing equipment without contaminating the water or other products.

### Thermoplastic Synthetic Materials for Radolid® Caps

#### Standard Operating Temperature (°F):

<table>
<thead>
<tr>
<th>Minimum Height</th>
<th>Maximum Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum...........</td>
<td>3/8”</td>
</tr>
<tr>
<td>Maximum...........</td>
<td>8”</td>
</tr>
<tr>
<td>Minimum...........</td>
<td>-84</td>
</tr>
<tr>
<td>Maximum...........</td>
<td>+210*</td>
</tr>
</tbody>
</table>

* other high temp material available to 428°F

### Radolid® Specifications

- Size Range: 1/4” to 3 3/4” diameter bolt or stud
- Minimum Height: 3/8”
- Maximum Height: 8”

### MATERIAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>PLASTIC TYPE</th>
<th>DENSITY</th>
<th>HARDNESS</th>
<th>TEMPERATURE RESISTANCE</th>
<th>RESISTANCE TO</th>
<th>BREAKDOWN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard</td>
<td>LD-PE</td>
<td>0.918</td>
<td>96 A/45 D</td>
<td>212°F (100°C)</td>
<td>Grease, oils, alkohol, fuels, non-oxidizing acids and lyes, water and seawater</td>
<td>176°F (80°C)</td>
</tr>
<tr>
<td>Special</td>
<td>Polypropylene PP</td>
<td>0.900</td>
<td>99 A/42 D</td>
<td>296°F (110°C)</td>
<td>Grease, oils, alkohol, fuels, detergents, water and seawater, aliphatic and aromatic compounds, 50% sulphuric acid</td>
<td>212°F (100°C)</td>
</tr>
<tr>
<td></td>
<td>Polystyrene/Ester</td>
<td>1.250</td>
<td>98 A/72 D</td>
<td>335°F (160°C)</td>
<td>Grease, oils, alkohol, fuels, detergents, water and seawater, aliphatic and aromatic compounds, 50% sulphuric acid</td>
<td>248°F (120°C)</td>
</tr>
<tr>
<td></td>
<td>Polyamid PA 66</td>
<td>1.140</td>
<td>99 A/70 D</td>
<td>428°F (220°C)</td>
<td>Grease, oils, alkohol, fuels, detergents, water and seawater, aliphatic and aromatic compounds, 50% sulphuric acid</td>
<td>320°F (160°C)</td>
</tr>
<tr>
<td></td>
<td>ETFE</td>
<td>1.700</td>
<td>99 A/70 D</td>
<td>428°F (220°C)</td>
<td>Grease, oils, alkohol, fuels, detergents, water and seawater, aliphatic and aromatic compounds, 50% sulphuric acid</td>
<td>382°F (190°C)</td>
</tr>
</tbody>
</table>

### RESISTANCE TO

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>PLASTIC TYPE</th>
<th>RESISTANT TO</th>
<th>NOT RESISTANT TO</th>
</tr>
</thead>
</table>
| Standard | LD-PE        | Grease, oils, alkohol, fuels, non-oxidizing acids and lyes, water and seawater | Aromatic, halogenated hydrocarbons, oxidizing agents, such as nitric acid
| Special  | Polypropylene PP | Grease, oils, alkohol, fuels, detergents, water and seawater, aliphatic and aromatic compounds, 50% sulphuric acid | Hydrochloric acid, fluoric acid, chlorine gases
|          | Polystyrene/Ester | Grease, oils, alkohol, fuels, detergents, water and seawater, aliphatic and aromatic compounds, 50% sulphuric acid | Hydrochloric acid, fluoric acid, chlorine gases
|          | Polyamid PA 66 | Grease, oils, alkohol, fuels, detergents, water and seawater, aliphatic and aromatic compounds, 50% sulphuric acid | Acids, oxidizing agents
|          | ETFE         | Grease, oils, chlorine, nitric acid, hydrochloric acid | Fluorine, fluosilicate hydrocarbons, fluosilicic acid

### Available in black, clear, white, red, grey, chrome and other special colors upon request.
To Order Please Specify The Following:
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2. Model
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