



ADVANCE PRODUCTS & SYSTEMS, LLC

# Radolid<sup>®</sup>

Bolt Protection Caps

Unprotected

Protected





RADOLID®

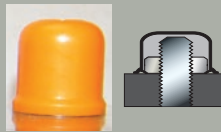
The quick, easy and cost effective way to apply nut and bolt protection.

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.

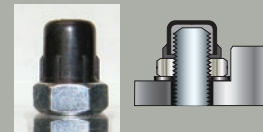
### Variety of Types



**SW**  
Snap-on  
Locking Caps



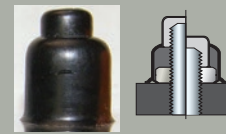
**B**  
Screw Onto  
Threads



**KSW**  
For Truck Wheels



**TSW**  
Telescopic  
Caps



**BM**  
Bolt Caps



### Type BM



- 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 it's 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  
 Minimum Height .....3/8"  
 Maximum Height.....8"

Standard Operating Temperature (°F):  
 Minimum..... -84  
 Maximum.....+210\*

\* other high temp material available to 428°F


## Thermoplastic Synthetic Materials for Radolid® Caps

### MATERIAL SPECIFICATIONS

MATERIALS	PLASTIC TYPE	DENSITY	HARDNESS	TEMPERATURE RESISTANCE		BREAKDOWN
				INTERMIT	CONSTANT	VOLTAGE
Standard	LD-PE	0.918	96 A/45 D	212°F (100°C)	176°F (80°C)	100 KV/mm
Special	Polypropylene PP	0.905	98 A/62 D	266°F (130°C)	212°F (100°C)	90 KV/mm
	Polyesterelastomer	1.250	98 A/72 D	320°F (160°C)	248°F (120°C)	23 KV/mm
	Polyamid PA 66	1.140	99 A/70 D	428°F (220°C)	320°F (160°C)	50 KV/mm
	ETFE	1.700	99 A/70 D	428°F (220°C)	302°F (150°C)	140 KV/mm

### RESISTANCE

MATERIALS	PLASTIC TYPE	RESISTANT TO	NOT RESISTANT TO
Standard	LD-PE	Grease, oils, alcohol, fuels, non-oxidizing acids and lyes, water and sea water	Oxidizing agents, chlorhydrocarbons
Special	Polypropylene PP	Grease, oils, alcohol, fuels, detergents, water and seawater, watery solutions; such as solutions of salts, acids and lyes	Aromatic, halgenised hydrocarbons, oxidizing agents; such as nitric acid
	Polyesterelastomer	Grease, oils, alcohol, fuels, detergents, water and sea water, aliphatic and aromatic compounds, 50% sulphuric acid	Hydrochloric acid, fluoric acid, chlorine gases
	Polyamid PA 66	Grease, oils, alcohol, fuels, detergents, water and sea water, solvents, lyes	Acids, oxidizing agents
	ETFE	Grease, oils, chlorine, nitric acid, hydrochloric acid	Fluorine, fluorine hydrocarbon, fluorine acids

Available in black, clear, white, red, grey, chrome and other special colors upon request.



## 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
- Innerlynx® - 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
- UBolt-Cote® & Atlas Pipe Support® Pads
- Safety Spray Shields



Made in USA

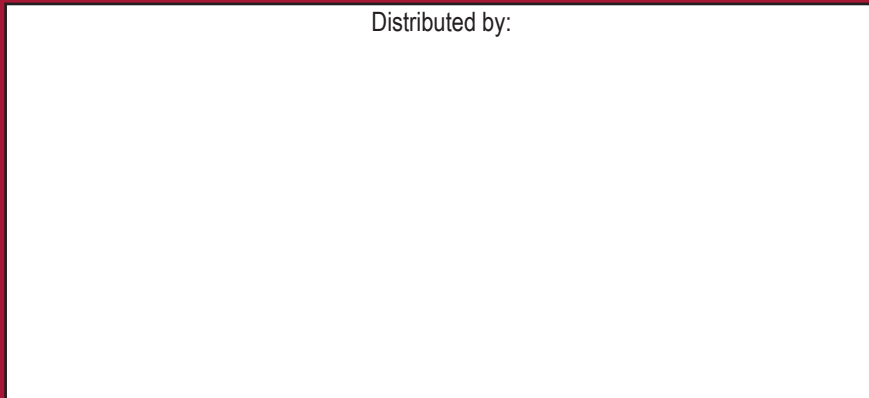


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