

## FEATURED PRODUCT

### POLAR AIR®

- Remains flexible at -85°F to 195°F (-65°C to 91°C)
- Excellent recoil memory, chemical resistance & abrasion resistance
- POWER GRIP™ gladhand extension provides superior coupling/uncoupling leverage
- Large coil diameter prevents kinking and provides greater recoil



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PAST ISSUES

## Gladhands and Corrosion - Part 1 - The Gladhand Body

Most standard gladhands with aluminum offer no corrosion protection; these gladhands are not suggested for use in highly corrosive environments. Powder Coated gladhands are the next step up for anti-corrosion power, offering substantial corrosion protection. Although they offer great protection, over time the coating will chip away, leaving the area exposed to corrosion. Phillips recommends anodized gladhands to combat corrosion. This is the strongest form of protection for heavy corrosive environments. You can see why in the photo's below.

After 200 hours of testing in 5% Magnesium Chloride & 5% Salt (Road Deicers). Gladhands were severely scored before testing to simulate excessive wear.



Standard - Heavy corrosion on entire body



Powder Coated - Minimal corrosion where scored



Anodized - minimal corrosion where scored

Products in the field after several months:



Powder Coated - corrosion has begun where the coating has chipped



Anodized - Virtually no corrosion on the body

**Note:** An important place to watch for corrosion is the interior cavity of the gladhand. If corrosion buildup begins to chip away, it will enter the airline system.



- Standard gladhands made with aluminum offer no protection from corrosion and should not be used in corrosive environments
- Corrosive protection coating on powder coated gladhands can chip away, exposing gladhands to quick corrosion damage
- Anodized gladhands give the best protection from corrosion damage
- Corrosion buildup located within the gladhands interior cavity will eventually chip away and enter the airline system