

## Conversion Coatings: Iron Phosphate, NuKoat PS 78 T Pre-paint conversion coatings for Aluminum, Iron & Steel

### Applications:

**NuKoat 78 T** designed to **clean and iron phosphate in one easy step**. **NuKoat 78 T** provides a superior foundation for painting providing excellent corrosion resistance. Applied by immersion tank with agitation for best results. NuGeneration Technologies' **NuKoat** line of iron phosphates is highly effective, cost efficient, and easy to use.

- Thin amorphous structure
- Good corrosion resistance under paint
- Low equipment expenditures
- Excellent surface for paint adhesion, power coat or spray coatings
- Coating weight: 30 to 90 mg./sq. ft.
- Low heating requirements
- Low chemical costs
- Easiest to control

### Typical Usage Parameters:

|                        | NuKoat PS 78 T                |
|------------------------|-------------------------------|
| Description            | Aluminum & Ferrous Immersion  |
| Concentration Range    | 2-5% Immersion                |
| Operating temperatures | 70 up to 150°F                |
| Time (min)             | As required<br>30-300 seconds |
| Ferrous metals         | •                             |
| Aluminum               | •                             |

### Physical Properties:

|                     | NuKoat PS 78 T |
|---------------------|----------------|
| pH, concentrate     | 2.5            |
| pH, @ 5% bv         | 2.8            |
| Bulk density, #/gal | 9.6            |
| VOC                 | 0 g/L          |
| Flash point         | None           |
| Chelates            | None           |
| Solubility in water | Complete       |
| Biodegradable       | Yes            |
| Silicated           | No             |

**Storage:** Keep from freezing. Store between 40-120°F.

**Disposal:** Dispose of in accordance with local, state, and federal regulations. For assistance with disposal contact NuGeneration Technologies at 888-99-NuGen or email: [info@nugentec.com](mailto:info@nugentec.com).

**Custom Formulation: NuGenTec** specializes in formulating specifically for your process.