



TECHNICAL DATA SHEET #47

## **ESD F-914 C-950** *Static Dissipative*

**POLYURETHANE BASED COATING  
FOR INDUSTRIAL USE ONLY**

### **DESCRIPTION:**

**F-914 C-950 is a water base *static dissipative* polyurethane coating used for coating tool handles, measuring devices, instruments and other items where ESD safe surfaces are needed.**

F-914 C-950 can be dipped or brushed and exhibits excellent petroleum, chemical, UV, corrosion and abrasion resistance.

F-914 C-950 bonds to most metals and plastics with minimal preparation.

### **OTHER FEATURES INCLUDE:**

Excellent flexibility, scuff resistance [eliminates FOD], cushioning and impact absorption.

Non-flammable, very safe

Very low VOC's

### **SPECIFICATIONS:**

Solids: (wt.) 40%

Temperature use range: -0°F to 250°F

**Conductivity: 10/7-10/9**

Shelf life: 1+ year at 77° F unopened container

Freeze thaw stability: Excellent

Coverage: 150 sq.ft. per gallon at 5 mils

Finish: Semi gloss

### **CHEMICAL RESISTANCE:**

Petroleum: Excellent

Acid, alkaline: Good

Alcohol, ketone, chlorinated solvent: Limited

### **ALTERNATIVE PRODUCTS:**

F-914 C-975

We cannot anticipate all conditions under which this information and our products, or the products of other manufacturers in combination with our products, may be used. We accept no responsibility for results obtained by the applications of this information or the safety and suitability of our products, either alone or in combination with other product combination for their own purposes. Unless otherwise agreed in writing, we sell the products without warranty, and buyers and users assume all responsibility and liability for loss or damage arising from the handling and use of our products whether used alone or in combination with other products. Ever changing V.O.C. regulations in your area may require you to contact local authorities for proper use and/or disposal of this product. Should you need further assistance, please contact PLASTI DIP INTERNATIONAL technical service.

PLASTI DIP, HCFeccs, Performix and logo are registered trademarks of PLASTI DIP INTERNATIONAL

**SURFACE PREPARATIONS:****MIX WELL BEFORE USE.**

All surfaces to be coated must be free of all oils, grease, dirt, wax, and loose rust. A sandblasted or rough surface improves adhesion. Roughen any smooth metal surfaces.

**USE ADEQUATE VENTILATION.**

**DIPPING - F-914 C-950:** Gently mix before each use. Do not introduce air bubbles. Insert item 1" every 5 seconds. Remove at same rate. Allow to completely dry before applying additional coats to desired thickness.

**BRUSH/ROLLER - F-914 C-950:** Gently mix before each use. Apply wet overlapping coats using a foam brush, pad or roller. Allow to completely dry before applying additional coats to desired thickness.

**HINTS:**

For storage or dip tank containers, use only poly or galvanized steel. A dry film thickness of 8-10 mils is recommended for best results. Allow overnight drying whenever possible. To speed drying, mild heat (95°F-110°F) and air flow may be used. Do not stack or store parts in contact with each other if not fully cured. Avoid excessive air movement, heat or humidity. Always use proper ventilation and protection.