

## BRADY B-907 BRASS VALVE TAG

TDS No. B-907

Effective Date: 09/11/2023

**Description:** Brady B-907 valve tags are 260 grade, ½ hard temper brass.



### **Use:**

Brady B-907 Brass Tags are used for general purpose valve identification.

### **Substrate Type:**

Brass

### **Standard Legend Colors:**

Natural or Black Fill

### **Thickness (PSTC-33):**

Total: 0.032 in. (0.83 mm)

### **Service Temperature:**

-40°F to 1200°F (-40°C to 649°C)

(Max. Ink Temp 180°F only.)

### **Average Outdoor Durability:**

5-7 years (Average expected outdoor life of product will depend on user definition of failure and climatic conditions)

### **Chemical Resistance:**

#### B907 with Natural Fill

| REAGENT                | 7 DAY IMMERSION | DIP TEST | RUB TEST |
|------------------------|-----------------|----------|----------|
| 30% Sulfuric Acid      | NE              | NE       | NE       |
| 10% Sulfuric Acid      | NE              | NE       | NE       |
| 30% Hydrochloric Acid  | NE              | NE       | NE       |
| 10% Hydrochloric Acid  | NE              | NE       | NE       |
| Glacial Acetic Acid    | NE              | NE       | NE       |
| 5% Acetic Acid         | NE              | NE       | NE       |
| 50% Sodium Hydroxide   | NE              | NE       | NE       |
| 10% Sodium Hydroxide   | NE              | NE       | NE       |
| 10% Ammonia            | F               | NE       | NE       |
| 5% Sodium Hypochlorite | NE              | NE       | NE       |
| Methyl Ethyl Ketone    | NE              | NE       | NE       |
| Acetone                | NE              | NE       | NE       |
| Toluene                | NE              | NE       | NE       |
| 1,1,1-Trichloroethane  | NE              | NE       | NE       |
| Methanol               | NE              | NE       | NE       |
| Isopropyl Alcohol      | NE              | NE       | NE       |
| Heptane                | NE              | NE       | NE       |
| Mineral Spirits        | NE              | NE       | NE       |
| Turpentine             | NE              | NE       | NE       |
| Kerosene               | NE              | NE       | NE       |
| Diesel Fuel            | NE              | NE       | NE       |
| Gasoline               | NE              | NE       | NE       |
| ASTM #3 Oil            | NE              | NE       | NE       |

|                     |    |    |    |
|---------------------|----|----|----|
| SAE 20 Oil          | NE | NE | NE |
| 10% Sodium Chloride | NE | NE | NE |
| Alconox®            | NE | NE | NE |
| Water               | NE | NE | NE |

NE = No Effect

F = Failed (affected Sample)

7 Day Immersion: Immersed in reagent for 7 days.

Dip Test: Five 10 minute dips in reagent with 30-minute recovery.

Rub Test: Rubbed sample for 1 minute with swab soaked in reagent.

#### B-907 with Black Fill

| REAGENT                | 7 DAY IMMERSION | DIP TEST | RUB TEST |
|------------------------|-----------------|----------|----------|
| 30% Sulfuric Acid      | NE              | NE       | NE       |
| 10% Sulfuric Acid      | NE              | NE       | NE       |
| 30% Hydrochloric Acid  | NE              | NE       | NE       |
| 10% Hydrochloric Acid  | NE              | NE       | NE       |
| Glacial Acetic Acid    | F               | F        | NE       |
| 5% Acetic Acid         | NE              | NE       | NE       |
| 50% Sodium Hydroxide   | NE              | NE       | NE       |
| 10% Sodium Hydroxide   | NE              | NE       | NE       |
| 10% Ammonia            | F               | NE       | NE       |
| 5% Sodium Hypochlorite | NE              | NE       | NE       |
| Methyl Ethyl Ketone    | F               | F        | F        |
| Acetone                | F               | F        | F        |
| Toluene                | F               | F        | F        |
| 1,1,1-Trichloroethane  | F               | F        | NE       |
| Methanol               | NE              | NE       | NE       |
| Isopropyl Alcohol      | NE              | NE       | NE       |
| Heptane                | NE              | NE       | NE       |
| Mineral Spirits        | NE              | NE       | NE       |
| Turpentine             | NE              | NE       | NE       |
| Kerosene               | NE              | NE       | NE       |
| Diesel Fuel            | NE              | NE       | NE       |
| Gasoline               | NE              | NE       | NE       |
| ASTM #3 Oil            | NE              | NE       | NE       |
| SAE 20 Oil             | NE              | NE       | NE       |
| 10% Sodium Chloride    | NE              | NE       | NE       |
| Alconox®               | NE              | NE       | NE       |
| Water                  | NE              | NE       | NE       |

NE = No Effect

F = Failed (affected Sample)

7 Day Immersion: Immersed in reagent for 7 days.

Dip Test: Five 10 minute dips in reagent with 30 minute recovery.

Rub Test: Rubbed sample for 1 minute with swab soaked in reagent.

#### Shelf Life:

Shelf Life is two years from the date of receipt for this product as long as this product is stored in its original packaging in an environment below 80°F (27°C) and 60% RH. It remains the responsibility of the user to assess the risk of using this product. We encourage customers to develop testing protocols that will qualify a product's fitness for use in their actual application.

#### Trademarks:

Alconox® is a registered trademark of Alconox Co.

ASTM: American Society for Testing and Materials (U.S.A.)

SAE: Society of Automotive Engineers (U.S.A.)

PSTC: Pressure Sensitive Tape Council (U.S.A.)

**Note:** All values shown are averages and should not be used for specification purposes.

Test data and test results contained in this document are for general information only and shall not be relied upon by Brady

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