

## Technical Data Sheet

### Milmark™ Engraved Tag & Sign M-515BR

At a glance					
✓	✓	✓	✓	✓	✓
-	-	See note 10 below		-	-

#### **1. Description**

Milmark™ Engraved Tag & Sign is constructed in Brass. Information and graphics are permanently engraved in the material. It is used for name tags, nameplates, mimic panels and signs. Suitable for harsh and extreme weather. Well suited for ocean and submarine applications; excellent for decorative applications

Extremely durable. Excellent chemical and solvent resistance. Excellent resistance to tarnish. High resistance to oxidation and corrosion.

#### **2. Product Code**

M-515BR

#### **3. Substrate Type**

Brass

#### **4. Thickness**

0.8mm, 1.0mm, 1.2mm, 1.5mm, 2.0mm, 3.0mm

#### **5. Specifications :**

JIS 3100

#### **6. Typical Chemical Composition**

Cu: 57.0~61.0%  
 Pb: 1.8~3.7%  
 Fe + Sn: <1.2%  
 Zn: Remainder%  
 Fe < 0.5%

#### **8. Tensile Strength**

> 335 N/mm<sup>2</sup>

#### **9. Vickers Hardness (0.5)**

80

#### **10. Melting Temperature**

930 deg C

#### **11. Note**

1. We strongly believe that our products sold should be tested thoroughly under end-use conditions to ensure they meet the requirements of your application.

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2. We offer the test data and test results for your general information only. We do not recommend that you use this information for designs and specifications, or on as meeting specified performance criteria. If you are seeking to develop specifications or performance criteria for a specific product application, please call us for further information.

3. Our product compliance information is drawn from:

- (a) test results conducted by a third party, independent laboratory using established methods, or
- (b) information offered by the respective manufacturer or supplier.

Thus, we do not represent nor warrant (express or implied), nor do we assume liability in connection with the use of this information.

#### **12. Warranty**

1. We guarantee our products to be free from manufacturing defects for one (1) year from the date of purchase, We shall, at our option, replace the product found to be defective within this warranty period.

2. This warranty extends to the original buyer of this product only. All others are not eligible to return products to us for warranty consideration.

3. This warranty is in lieu of any other warranty, express or implied, including, but not limited to, any implied warranty of merchantability or fitness for a particular purpose, and of any other obligations or liability on our part.

4. In no event shall we be held responsible or liable for any loss, damage, expense, or incidental or consequential damages of any kind arising in connection with the use, or inability to use, our products.

5. We require that samples of the failure be submitted when a claim is made and before a remedy is offered