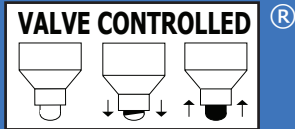
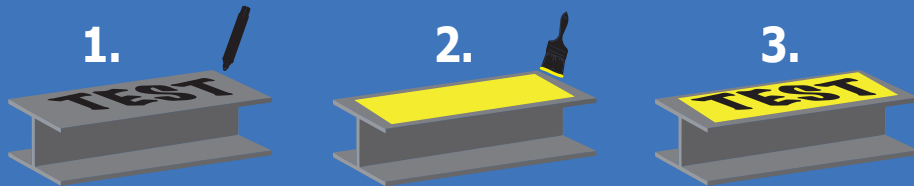


# BLEED-THRU<sup>®</sup> Markers



- Remember to keep the tip saturated for proper bleed-thru capability.
- Marks on unpainted metals will bleed through primers and top coat before a sealant is applied.
- To seal your marks and stop bleed through on IM-13, 14, and 15, you must apply a water-based or alcohol based sealant. To stop bleed through on IM-63, you must use an oil-based sealant.

IM-13, IM-14, & IM-15 are to be used with oil-based primers



IM-63 is to be used with water-based primers



## IM-13



**Stroke**  
3.2mm Bullet Tip  
4.8mm Chisel Edge

**Ink Content**  
13ml

**Temperature Range**  
Use at -40°F to 150°F  
(-40°C to 66°C)

**Solvent System**  
Xylene

**Replacement Nibs**  
#00130  
Acrylic Dual Nib

**Barrel**  
Aluminum

**Packed**  
12 per box  
144 per carton  
576 per master carton



## IM-14



**Stroke**  
1.2mm Fine Edge  
4.2mm Medium Edge  
7.2mm Broad Edge

**Ink Content**  
22ml

**Temperature Range**  
Use at -40°F to 150°F  
(-40°C to 66°C)

**Solvent System**  
Xylene

**Replacement Nibs**  
#00140  
Acrylic Chisel Nib

**Barrel**  
Aluminum

**Valve Assembly**  
U.S. Patent #: 7,086,799

**Packed**  
6 per box  
72 per carton



## IM-15



**Stroke**  
2.0 mm Fine Edge  
7.0 mm Medium Edge  
15.0 mm Broad Edge

**Ink Content**  
30ml

**Temperature Range**  
Use at -40°F to 150°F  
(-40°C to 66°C)

**Solvent System**  
Xylene

**Replacement Nibs**  
#00083 Polyester  
Extra-Wide Chisel Nib

**Barrel**  
Plastic

**Packed**  
6 per box,  
72 per carton



## IM-63



**Stroke**  
2.3mm Bullet Tip

**Ink Content**  
10ml

**Temperature Range**  
Use at 32°F to 100°F  
(0°C to 38°C)

**Solvent System**  
Water / Alcohol

**Replacement Nibs**  
#00063  
Polyester Bullet Nib

**Barrel**  
Plastic with  
Rubber Grip

**Packed**  
12 per box  
144 per carton  
576 per master carton

\*Non-hazardous;  
Complies with Ca.  
Prop. 65

	Black	Blue	Red	Violet
IM-13 For Oil Based Primer	01301	01302	01311	N/A
IM-14 For Oil Based Primer	01401	01402	01411	N/A
IM-15 For Oil Based Primer	01501	01502	01511	N/A
IM-63 For Water Based Primer	N/A	N/A	N/A	06329

*Formulated to effectively bleed through primers and top coats layed over marks!*

Pertains to black, blue, and red only:



WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.



**Arro-Mark<sup>®</sup>**  
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