

## Bellman-Melcor

7575 W. 183<sup>rd</sup> Street

Tinley Park, IL 60477

LOCAL: 708-532-5000

TOLL FREE: 800-367-6024

[bellmanmelcor.com](http://bellmanmelcor.com)



## #A-40

### TECHNICAL DATA

<b>NOMINAL COMPOSITION</b>	<b>Silver</b>	40.0%
	<b>Copper</b>	36.0%
	<b>Zinc</b>	24.0%
	<b>Other Elements Total</b>	0.15%
<b>PHYSICAL PROPERTIES</b>	<b>Color</b>	Yellow White
	<b>Solidus</b>	1235°F (665°C)
	<b>Liquidus</b>	1415°F (770°C)
	<b>Density (T.oz/cu.in.)</b>	4.79
<b>USES</b>	Bellman-Melcor offers a complete line of brazing alloys without cadmium that have proven to be excellent substitutes for the conventional cadmium brazing alloys. For nickel, steel and copper alloys, Good wide gap filling characteristics.	
<b>SPECIFICATIONS</b>	#A-40 alloy conforms to:	
<b>AVAILABLE FORMS</b>	Rod, wire, strip, engineered preforms, specialty preforms per customer specification, and paste.	

Individuals requiring further information and Engineering Specification Documents may wish to contact the Engineering Society for Advanced Mobility, Land Sea Air and Space, The Society of Automotive Engineers <http://www.sae.org/> (SAE AMS) or The American Welding Society (AWS) <http://aws.org/>

### NOTE:

#### DISCLAIMER

The information and recommendations contained in this publication have been provided without charge & compiled from sources believed to be reliable and to represent the best information available on the subject at the time of issue. No warranty, guarantee, or representation is made by Bellman-Melcor (Prince and Izant Company, Inc.) as to the absolute correctness or sufficiency of any representation contained in this and other publications; Bellman-Melcor (Prince and Izant Company, Inc.) assumes no responsibility in connection therewith; nor can it be assumed that all acceptable safety measures are contained in this (and other publications, or that other or additional measures may not be required under particular or exceptional conditions or circumstances.