

Indium Solder Ribbon (In100) 0.002" x 1" x 12"

Product Highlights

Low Temperature Melts at 157°C (315°F)

Lead-Free

RoHS 3 compliant

REACH compliant

This pure indium solder ribbon bonds well to glass, ceramic, and quartz. It can be used for low temperature soldering and for hermetic sealing. It can be stamped and cut into preforms.

ChipQuik SMDIN100 (In100) products are suitable for cryogenic sealing applications. The pure indium in these products will remain malleable at cryogenic temperatures, -150°C to -273°C (-238°F to -460°F), so that the seal it creates will not be compromised.



Specifications

Alloy:	In100
Tensile Strength:	2.7 N/mm ² (at 20°C)
Dimensions:	1" x 12" (25mm x 305mm)
Thickness:	0.002" (0.05mm)
Melting Point:	157°C (315°F)
Purity:	Conforms to all IPC J-STD-006C soldering alloy impurity levels
Packaging:	Spool
Shelf Life:	Indefinite. Solid solder ribbon has no limited shelf life as long as it is stored in a non-corrosive, dry environment. The surface may lose its shine and appear dull grey. This is a surface phenomenon and is not detrimental to product functionality.

Storage and Handling

Store in a non-corrosive, dry environment.