

Technical Data Sheet

January 2008



Indium Foil

I. Principal Uses

Contact sheet with good thermal and/or electrical conductivity.
Seal material in high or low pressure and cryogenic applications.

II. Physical Data

Crystal structure	Tetragonal
Density	7,31 g/cm ³
Transition temperatures	
Melting point	156,2 °C
Boiling point	2080 °C

III. Analysis

In > 99.99%	
Ag < 1	Sn < 10
Pb < 15	Zn < 1
Cu < 5	Al < 3
Bi < 5	Fe < 5
Ni < 10	Cd < 5
Sb < 5	Tl < 3
Hg < 1	

All values in ppm. Total demonstrable impurity content \leq 100 ppm.
Indium alloys can be supplied according to customer's specifications.

IV. Available Format and Packing

Thickness (μ m)	Max. surface width x length (cmxcm)
250 - 350	25 x 400

Tolerances	
thickness	- 0/+ 10%
length/width \leq 10 cm	+/- 0,1 cm
> 10 cm	+2%/ -1%

Foil is cut to customer's design.

V. Additional Information

Handling

There is no evidence of any health hazard from industrial use of indium.

Safety data sheet (SDS)

Available upon request.