

Cold Rolled Strip



Description & standards

This document describes requirements for alloys to be used as components in the manufacture of bonded multicomponent thermostat metal strip

International standards

ASTM – B753-01

Standard delivery & dimensions available

Form of delivery	Thickness	Width	Temper
Strip in standard coil	1.0 to 4.5 mm	70 to 660 mm	Annealed

Physical properties

Aperam designation	Designation (ASTM)	Typical content	Coefficient of thermal expansion				Electrical resistivity	
			78-200°F	78-300°F	78-500°F	78-700°F	Ω.cmf	μΩ.cm
IMPHY INVAR	T36	Fe Ni36	0.90	1.15	2.20	4.0	481	80
IMPHY N42 CB	T42	Fe Ni42	3.05	3.00	2.95	3.10	366	61
IMPHY B6M	T20	Fe Ni20 Mn6	11.10	11.30	11.60	11.70	475	79
IMPHY NC4	T22	Fe Ni22 Cr3	10.70	10.90	11.05	11.10	469	78
IMPHY B72M	T10	Mn72 Cu18 Ni10	14.95	15.50	16.30	16.85	1052	175

The data enclosed in this document are only given as indicative values and correspond to our standard product. Different specific requirements are subject to discussion and formal approval by Aperam Alloys Imphy. For further information or special request, please contact us.

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