Product Data Sheet

Low Melting Alloys

Description

These low-melt alloys are metal alloys that have melting temperatures that range between 117° F. and 440° F and contain a mixture of bismuth, lead, tin, cadmium, and/or indium.

Grades

Type/Approx. Temp in F/C	Antimony	Bismuth	Cadmium	Lead	Tin	Indium
Alloy 117F/47C	0%	45%	5.30%	22.60%	8.30%	19.10%
Alloy 136F/58C	0%	49%	0%	18%	12%	21%
Alloy 140F/60C	0%	48%	9.50%	25.40%	12.60%	5%
Alloy 144F/62C (Field's Metal)	0%	33%	0%	0%	16.50%	51%
Alloy 147F/64C	0%	48%	9.60%	25.60%	12.80%	4%
Alloy 158F/70C (Wood's Metal)	0%	50%	10%	26.70%	13%	0%
Alloy 158-190F/70-88C	0%	42.50%	8.50%	37.70%	11%	0%
Alloy 174F/79C	0%	57.00%	0%	0%	17%	26%
Alloy 202F	0%	62.50%	0%	0%	38%	0%
Alloy 203F/95C	0%	52.50%	0%	32%	16%	0%
Alloy 208F/98C (Rose's Metal)	0%	50.00%	0%	25.00%	25.00%	0%
Alloy 212F/100C	0%	39.40%	0%	29.80%	30.80%	0%
Alloy 217-440F/103-227C	9%	48%	0%	28.50%	14.50%	0%
Alloy 255F/124C	0%	55.50%	0%	44.50%	0%	0%
Alloy 281F/138C	0%	58%	0%	0%	42%	0%
Alloy 281-338F/138C-170C	0%	40%	0%	0%	60%	0%

Most of our low-melting, fusible alloys are cast into square ingots measuring approximately 2-3/8" x 2-3/8" x 5/8".