



A.C.: AFTER COLLAPSE® TEMPERATURE LIMITS OF MATERIALS

Temperature Limit (TMP) ratings are assigned to materials and equipment to simulate their durability when exposed to extremes of heat or cold. TMPs are represented by a scale that ranges from 1 to 60 (TMP, Industrial Temperature Limit scale: 1 to 60). Generally, the TMP of a piece of equipment will be based upon the primary material it is made from. Post-Collapse equipment made from locally available materials (e.g., leather, metal, wood) will always have lower TMP ratings than its fabricated pre-Collapse equivalent.

<u>MATERIAL BY TYPE</u>	<u>TMP</u>
Adaptable Industrial Composites (AICs)	variable (1-60)
Aluminum	20
Alloy Steel	50
Brass (e.g., for cartridge ammunition)	27
Bronze	14
Cast Iron	38
Chromium	50
Copper	33
Custom Crystal Matrixes (CCMs)	27
Ferrous Metal Alloys (FMAs)	variable (1-60)
Glass (bottle or window)	8
Gold	32
Industrial Cellulose Complex (ICC)	26
Iron	46
Lead	10
Leather	13
Magnesium	21
Manganese	39
Nickel	44
Nonferrous Metal Alloys (NMAs)	variable (1-60)
Platinum	54
Phosphorous	18
Silver	29
Steel	45
Tin	8
Titanium (i.e., Steel alloy)	54
Vanadium Steel	58
Wood, Bamboo	4
Wood, Hardwood	13
Wood, Semi-hard (e.g., birch)	13
Wood, Simulated [i.e., Polymimetic Fabrication Compound (PFC)]	variable (1-20)
Zinc	13