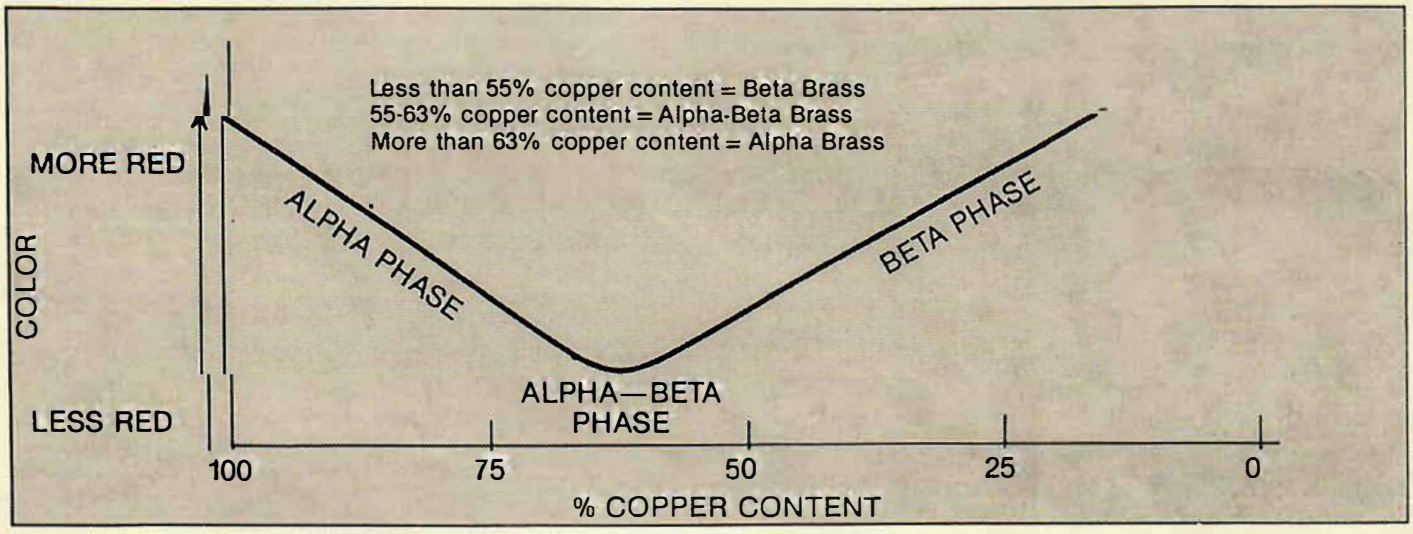
COLOR MATCHING

Normally needs can be broken down into 3 categories: extrusions, sheet and tubing. Most jobs will use one or more of these together. Unfortunately, a single common alloy cannot be obtained in all 3 forms, i.e., extrusions, sheet and tubing. Therefore you must select different alloys that are the best overall compromise in respect to color match. Remember, in general, due to the characteristics of what are known as the Alpha and Beta phases of metalurgy, brasses high in copper content are reddish in color, and get yellower as the copper is reduced. At the point where the copper content reaches approximately 60%, this color change reverses, and the brass again begins to develop a reddish hue, even though the copper content is being further reduced.

This can be displayed graphically as follows.



For architectural work the standard of reference is alloy C38500, Architectural Bronze. It should be mentioned here that this is technically a brass - not a true bronze. The term "architectural bronze" has been in use for years and continues to be used. Alloy C38500 has always been the standard because of its rich, golden color as opposed to the "brassier" yellow alloys.

Approximate color matches for some of the more popular alloys are given in the table below:

Item	Golden Yellow CDA Alloy	Brassy Yellow CDA Alloy	Pinkish CDA Alloy
Tubing	C34900/C35300/C38500/3800	C26000/C27000/C33000	C22000
Extrusions	C38500/C37000	C36000	C385RM*
Sheet	C28000	C26000	C22000/C23000
Pipe	NONE	NONE	C23000

Note: Due to variations in production runs, manufacturing techniques, and fabrication methods, there are no absolutes in color match criteria. The recommendations above are for guidance only and the final decision and responsibility rests with the user.