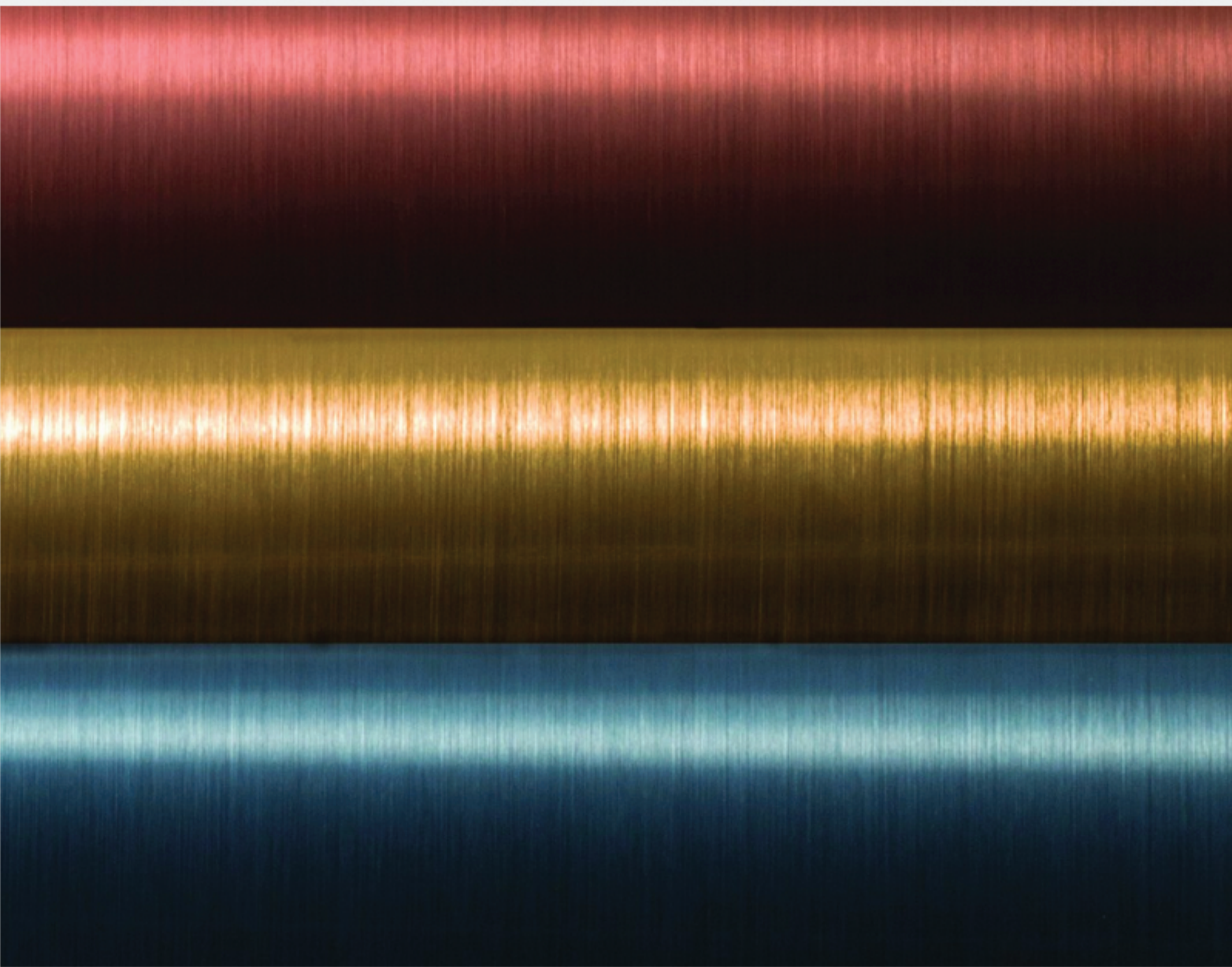


Chemetal: Classic Metals 900 Series

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Chemetal's Classic Metals 900 series, debuting at Booth 5229 at GlobalShop, combines the durability, affordability, and beauty of solid anodized aluminum in brass, bronze, copper, stainless, and aluminum looks. Antique Copper Aluminum, Brushed Golden Aluminum, Brushed Blued Aluminum, Polished Bronze Aluminum, and Glowing Bronze Aluminum are some of the newest additions to this series.

There are several advantages of creating the “looks” of other metals in aluminum. One is cost: Aluminum is a relatively inexpensive metal. Second is ease of use: Aluminum is a softer metal so thicknesses can be cut, bent, and fabricated with woodworking equipment, with minor modifications. Color variation is minimized and design professionals can specify and ensure color, sheet after sheet, in design spaces of any size. Laminate backer option.

How anodized aluminum is manufactured

Anodized aluminum is created via an electro-chemical process that improves upon the naturally occurring aluminum oxide layer that normally forms on the surface of aluminum. Aluminum oxide is a translucent crystalline structure from the same family of gemstones as sapphire, and with a hardness second only to diamonds. Aluminum oxide is bonded at the molecular level and will never chip, flake, peel, or chalk like coatings can.

By creating anodized aluminums in a manufacturing setting, Chemetal is able to control the pattern and sheen of the metal (polished, brushed, satin, or smoked, for example) and add color to emulate the look of stainless, copper, brass, bronze, and other metals. Plus, Chemetal's anodized aluminums are coil coated, a continuous process of a coil running through various electro chemical baths that ensures consistent coating thickness and color. This means that color variation is minimized and design professionals can specify and ensure color, sheet after sheet, in design spaces of any size.

