

# DENTAL BRAZING ALLOY ( 4 7 7 6 )

LARGE ENOUGH TO SERVE AND SMALL ENOUGH TO CARE!

## Properties

I 4776 Dental Brazing Alloy is a Ni-Cr-B-Si alloy. The low melting, self fluxing, high strength, and corrosion resistant characteristics of 4776, make it ideal for brazing and repairing dental braces. A bright and shiny finish matches the color of the dental alloys.

II **Nominal Composition:** (% by weight)

Carbon	0.06
Boron	3.0
Silicon	4.5
Iron	3.0
Chromium	14.0
Nickel	Balance
Aluminum	2

III **Physical Properties:**

Brazing Range	1975° F (1080° C) - 2200° F (1204° C)
Tensile Strength	60,000 psi

IV **Available Forms:**

1/32" x 12"	(0.79mm x 304mm)
3/64" x 18"	(1.2mm x 457mm)
1/16" x 18"	(1.6mm x 457mm)

V **Caution:** This alloy contains nickel and should not be used for persons with known nickel sensitivity. Grind and polish with adequate ventilation only.

