



# Factor II, Incorporated

Inventing and Innovating...

(Information: 1.928.537.8387)

ONLINE ORDERING [www.factor2.com](http://www.factor2.com)

## PRODUCT INFORMATION

A-4717

### HIGH TACK SILICONE GEL

#### PRODUCT DESCRIPTION

Factor II Inc. A-4717 silicone Elastomer is a two part, clear to translucent, pourable silicone system which will cure at room temperature. Cure time can be reduced with elevated temperatures. The silicone material is delivered as two low viscous liquid components, which once mixed and cured, transform into an elastic gel. Polymerization occurs without formation of heat.

Posterior Surface of Silicone, Prosthesis- Adhesive back ( no adhesive necessary)

**ADVANTAGES:**

- Very good adhesion on dry skin
- No adhesion on moist wounds
- Proven biocompatibility
- No free oil

#### CHARACTERISTICS OF NON CURED PRODUCT

Color	Translucent
Appearance	Viscous liquid
Viscosity A	60,000 cps
Density	0.98
Working Time @ 23°C	2 hours

#### CHARACTERISTICS OF CURED PRODUCT

Penetration (mm/10), hollow cone (62.5)g	170
Probe Tack 0.25 mm layer, approx.	9.0

#### MIXING:

A-4717 Part A and Part B are mixed in a 1:1 ratio by weight. Care should be taken to minimize air entrapment during mixing. Vacuum deairation at 28 inches Hg is recommended. Apply vacuum to a container at least four times the volume of the material to avoid overflow of the bubbles. Allow the material to reach it's maximum capacity , and fall to the bottom of the container. Continue to hold the vacuum for 3 to 5 minutes. This will eliminate the smaller bubbles. When packing the material into a mold, care should be taken to minimize trapping air bubbles.

#### CONTAINERS:

When mixing A-4717 use clean containers such as glass, stainless steel, or a 16 or 20oz polypropylene container with a stainless steel spatula

#### POLYMERIZATION:

A-4717 will cure in contact with most materials. Exceptions include natural rubbers, some RTV silicones ie: tin cured systems, Epoxy resins catalyzed with amines.



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## **A-4717** cont'd

### STORAGE AND SHELF LIFE:

Factor II A-4717 has a shelf life of 6 months from the date of shipment when stored in original containers unopened a room temperature 25 C (77 F)

BIOCOMPATIBILITY AND TOXICITY: Biocompatibility testing addresses the categories of evaluation for cytotoxicity, skin sensitization and skin irritation specified in USP Class VI and or ISO 10993 for device use of less than 30 days duration.

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