



Factor II, Incorporated

Inventing and Innovating...

(Information: 1.928.537.8387)

ONLINE ORDERING www.factor2.com

PRODUCT INFORMATION

A-2186F

Silicone Elastomer

PRODUCT DESCRIPTION:

Factor II Inc. A-2186F 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. When properly cured, A-2186F offers high tear strength along with other good physical properties.

TYPICAL PROPERTIES:

Color	Translucent
Consistency	Pourable
Viscosity A	75,000 cps
Viscosity	5,000 cps
Specific Gravity	1.12
Working Time	15 min
Cure Time	2 hr
Durometer Shore A	29
Tensile	917 psi
Elongation	590%
Tear	86 pli

MIXING:

A-2186F Part A and Part B are mixed in a 10:1 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-2186F use clean containers such as glass, stainless steel, or a 16 or 20oz polypropylene container with a stainless steel spatula

SUBSTRATE CONSIDERATIONS:

A-2186F will cure in contact with most materials. Exceptions include butyl and chlorinated rubbers, some RTV silicones and unreacted residues of some curing agents. Cure inhibition can usually be prevented by washing all containers with solvent, followed by a thorough rinsing with isopropyl alcohol

STORAGE AND SHELF LIFE:

Factor II A-2186F 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)

NOTE: REFRIGERATION STORAGE IS NOT ESSENTIAL BUT MAY EXTEND THE SELF LIFE OF THIS MATERIAL



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