



FACTOR II, INC.

The Art, Science & Technology
of Silicones & Prosthetics

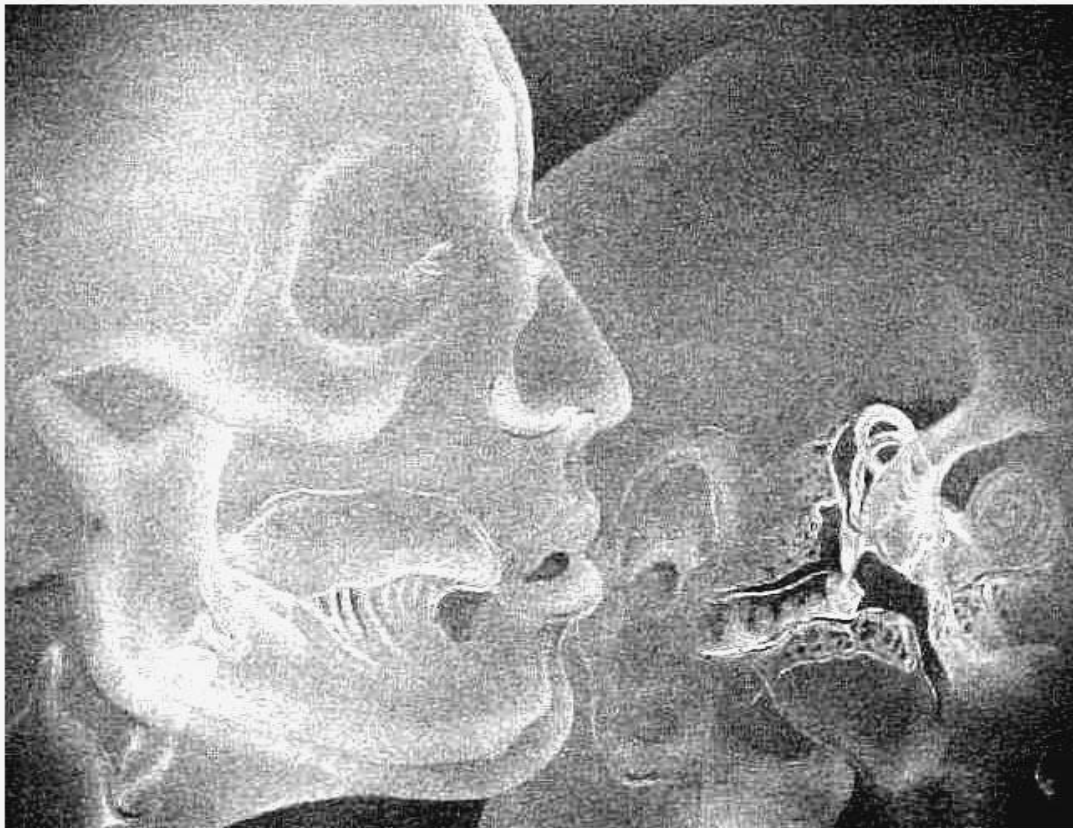
Established 1978

PO Box 1339 Lakeside, AZ 85929 USA

Ph: 928-537-8387 **Fax:** 928-537-0893

Order Online: www.factor2.com

Sharing the Knowledge



PLATINUM SILICONES

** Available in larger quantities*



A-RTV-04 SILICONE ELASTOMER (previous part number LSR-04)

This new A-RTV-04 Liquid Silicone Rubber is a 1:1 Platinum Cured, translucent, low viscosity, RTV room temperature cure in approximately 3 hours. This is an excellent low-durometer silicone material. Does not cure tack free, limited applications, gel like.

A-RTV-04 2lb Kit

TYPICAL CURED PROPERTIES

Durometer	04
Tensile (psi)	430
Tear (ppi)	60
Elongation (%)	800



A-RTV-05 SILICONE ELASTOMER (previous part number LSR-05)

This new A-RTV-05 Liquid Silicone Rubber is a 1:1 Platinum Cured, translucent, low viscosity, RTV room temperature cure in approximately 3 hours. This is an excellent low-durometer silicone material. The uses for this product are unlimited.

A-RTV-05 2lb Kit

TYPICAL CURED PROPERTIES A

Durometer	05
Tensile (psi)	495
Tear (ppi)	70
Elongation (%)	990



A-2186 PLATINUM SILICONE ELASTOMER A-2186F

Ratio of mixture is 10:1, Platinum Cure System. A-2186 Silicone Elastomer is a two-part, clear to translucent pourable silicone system that will cure at room temperature. Cure time can be reduced with elevated temperature. When properly cured, A-2186 offers high tear strength along with other good physical properties. 2186-F is an accelerated version of 2186 standard elastomer.

A-2186 1lb Kit (Standard)
A-2186-F 1lb Kit (Fast Cure)
~ Silicone Elastomer
~ Higher Platinum Content
~ Accelerated Cure Rate

TYPICAL CURED PROPERTIES

Durometer, Shore A	30
Tensile Strength (psi)	900
Tear Strength (ppi)	90
Elongation (%)	600

Recommended Uses

*Facial and body prosthetics



A-588 REALISTIC SILICONE ELASTOMER

One pound of base and 2oz bottles of cross linker to silicone elastomer. This is new platinum, translucent, two-part 10:1 by weight multiple durometer silicone. A-588 is not recommended for adhesive retained prostheses because of its low properties.

A-588 is ideal for implant retained prosthesis, and all bonding applications to various substrates

TYPICAL CURED PROPERTIES

A-588-1 Shore A of 12 1lb kit

Durometer shore A	12	20
Tensile Strength (psi)	600	700
Tear Strength (ppi)	45	65
Elongation (%)	600	425

Recommended Uses

*Facial and body prosthetics
Implant Retained

PLATINUM SILICONES

** Available in larger quantities*



A-RTV-4510 PLATINUM SILICONE ELASTOMER

This new RTV Liquid Silicone Rubber is a Shore 00 10, 1:1, Platinum Cured, Translucent, Low viscosity, RTV room temperature fast cure approximately 3 hours. This is an excellent low durometer silicone material, dries with a slight tack, the uses for this product are unlimited!

A-RTV-4510 2lb Kit



A-RTV-3020 PLATINUM SILICONE ELASTOMER

New, Shore A 20 durometer, 10:1 by weight, platinum, translucent silicone elastomer. Bonds well to acrylic and various substrates.

A-RTV-3020: Will cure at room temperature, Shore A 20, 10:1 by weight, platinum, translucent silicone elastomer.

This low viscosity silicone is pourable and reacts with thixotropic agents.

Multiple Catalyst System, with one base and 3 Crosslinkers available 3020-C Shore 20A: 3040-C Shore 40A or 3045-C Shore 45A.

A-RTV-3020 1lb Kit

A-RTV-3040 1lb Kit

A-RTV-3045 1lb Kit



A-RTV-4020 PLATINUM SILICONE ELASTOMER

A-RTV-4020 is one of the highest-grade silicone elastomers we carry.

Shore A 20 durometer, 10:1 by weight, platinum, translucent silicone elastomer, bonds extremely well to acrylic and various substrates. This low viscosity silicone is pourable and reacts with thixotropic agents.

A-RTV-4020 1lb Kit

A-RTV-4040 1lb Kit



A-RTV-4410 PLATINUM SILICONE ELASTOMER

This new RTV is a Shore A 10, 1:1, Platinum Cured, Translucent, Low Viscosity @ 2500 cps, Pourable, RTV room temperature silicone. Fast cures in approximately 3 hours.

This is an excellent low durometer material.

A-RTV-4410 1lb Kit

PLATINUM SILICONES

** Available in larger quantities*



A-RTV-4420 PLATINUM SILICONE ELASTOMER

This RTV is s Shore A 20, 1:1 Platinum Cured, translucent, low viscosity pourable silicone. Cures in approximately 3 hours at room temperature.

A-RTV-4420 2lb Kit



A-341 is a translucent 2-component platinum RTV silicone gel, and has a wide variety of uses, from prosthetics, special effects and GFA's (gel-filled applications) to various manufacturing applications. This gel will develop much of the same dimensional stability and non-flowing characteristics as a solid silicone elastomer.

- RTV very fast setting at room temperature
- Simple 10:1 by weight ratio
- Low viscosity
- Pot life @ 77°F (room temp) is 30 minutes
- Viscosity at 77°F (room temp) is 8 to 12,000 cps

A-341 Soft Gel Kit (10:1 ratio)

A-341 32oz Kit
A-341-GAL 1gal Kit
A-341-5Gal 5 gal Kit

SILICONES



Recommended Uses Medical devices
29 days & under Facial and body
prosthetics



Recommended Uses
Coating
Surgical devices 29 days and under



HCR Silicone Gums

A-135
A-150
A-165

2kg (4.4lb)
13.6kg (30lb)

A-103 MEDICAL GRADE ELASTOMER

A-103 Medical grade elastomer is a pourable, clear to translucent, platinum cured, high strength medical grade silicone rubber, which cures at room temperature. No shrinkage when cured at room temperature; unlimited thick-section cure; heat accelerative cure; physical and electrical stability; high elongation; improved tear strength.

A-103 1lb Kit

TYPICAL CURED PROPERTIES

Durometer, Shore A: 27
Tensile Strength (psi): 650
Tear Strength (ppi): 90
Elongation (%): 500
Viscosity A: 70,000 cps

A-104 MEDICAL GRADE DISPERSION

A-104 Fluid 50% Medical grade dispersion is a liquid RTV solution containing 50% active silicone ingredients in mixed aliphatic and isopropanol solvents. The active silicone used is an aminofunctional dimethylsiloxane copolymer. The polar nature of the aminofunctional groups and the ability of the fluid to cure cause films to deposit and adhere to metal cutting edge.

Type: 50% silicone dispersion in aliphatic and isopropanol solvents.

Special Properties: Excellent lubricity; high adhesion to metal; easy application; room temperature cure.

A-104 16oz
A-104-4 Box of 4 - 16oz

TYPICAL CURED PROPERTIES

Appearance: Colorless to Slightly Hazy
Viscosity: at 77° F: 160 cps
Temperature Cures: at room temp. 25°C
Moisture Relative Humidity: 55%

HEAT CURE RUBBER (HCR)

HIGH STRENGTH MILLABLE SILICONE ELASTOMERS:

CLASS VI

HCR ELASTOMERS are supplied as a two-part kit (Part A & Part B). Equal portions (A to B) must be thoroughly blended together prior to use. Ideally, a two-roll mill (see Equipment section) is used for the blending process.

HCR Elastomers are available in a range of nominal hardness from 35 to 80, durometer Shore A.

	Durometer (Shore A)	Tensile Strength (psi)	Elongation %	Modulus at 200%(psi)	Tear Strength (ppi)	Shrinkage linear (%)
A-135	36	1201	1117	178	201	2.4
A-150	50	1545	976	282	244	2.4
A-165	61	1168	939	355	241	2.0

A-4520	20	750	1000	180	44 lb
A-4530	30	1800	930	230	44 lb
A-4550	50	1600	775	290	44 lb
A-4565	65	1400	625	210	44 lb

LSR SILICONE CARTRIDGES



HIGH DUROMETER LIQUID SILICONE CARTRIDGE

Liquid Silicone Rubber (LSR) Systems are two part 100% solids, pure dimethyl silicone elastomers, engineered for optimum performance in liquid injection molding (LIM) processes where high clarity, high strength molded parts are preferred. LSR is a pumpable, colorless, translucent paste. When A and B components are mixed together in equal portions by weight, the paste will cure to a tough, optically clear elastomer via platinum catalyzed addition cure chemistry. Addition cure, no solvent, mix ratio 1:1, long working time.

Biocompatibility: This product is designed to meet USP Class VI requirements. 50 milliliter cartridge. Includes 4 mixing tips.

DG-1A Dispensing Gun may be used for 30 and 40

Pneumatic Dispensing Gun DG-50 should be used for 50, 60, and 70

Need it in a custom color? No problem! Give us a call before you order for custom colors and large quantity discount pricing. 1-800-332-8688

50mil

200mil

400mil

A-221-05
A-223-30
A-223-40
A-225-50
A-225-60
A-225-70

	Durometer (Shore A)	Tensile Strength (psi)	Elongation (%)	Modulus at 100% (psi)	Tear Strength (ppi)	Appearance
A-221-05	5	450	980	15	60	Clear, thixotropic liquid
A-223-30	31	1400	790	90	195	Clear, paste-like liquid
A-223-40	41	1230	615	190	255	Clear, paste-like liquid
A-225-50	50	1225	570	295	265	Clear, paste-like liquid
A-225-60	59	1300	480	350	250	Clear, paste-like liquid
A-225-70	68	1300	450	530	240	Clear, paste-like liquid



LSR Silicone Cartridge Starter Kits

SK-50mil / SK-200mil / SK-400mil

Available in 50ml, 200ml, and 400ml sizes.

Each starter kit includes:

1 – DG Pneumatic Dispensing Gun

1 – A-223-30 Cartridge

1 – A-225-50 Cartridge

1 – A-225-70 Cartridge

12 – Static Mixing Tips

LSR



LSR (LIQUID SILICONE RUBBER): SILICONE ELASTOMER

*Liquid Silicone Rubber (LSR) Systems are two-part 100% solids, pure dimethyl silicone elastomers, engineered for optimum performance, in liquid injection molding (LIM) processes for high clarity, high strength molded parts are preferred. LSR is a pumpable, colorless, translucent paste. When A and B components are mixed together in equal portions by weight, the paste will cure to a tough, optically clear elastomer via platinum catalyzed addition -- cure chemistry. Addition cure, no solvent, mix ratio 1:1, long working time. NOT POURABLE. See 50ml and 200ml cartridge systems for injection solutions.

	Durometer (Shore A)	Tensile Strength (psi)	Elongation (%)	Modulus at 100% (psi)	Tear Strength (ppi)	Appearance
A-221-05	5	450	980	15	60	Clear, thixotropic liquid
A-223-30	31	1400	790	90	195	Clear, paste-like liquid
A-223-40	41	1230	615	190	255	Clear, paste-like liquid
A-225-50	50	1225	570	295	265	Clear, paste-like liquid
A-225-60	59	1300	480	350	250	Clear, paste-like liquid
A-225-70	68	1300	450	530	240	Clear, paste-like liquid

Biocompatibility

This product is designed to meet USP Class VI requirements.

Recommended Uses

- *05 - Facial - Breast Prosthetics
- *30 - Facial - Finger & Hand Prosthetics
- *40 - Facial - Finger & Hand Prosthetics

A-221-05 (Elkem LSR-4305/V50093)	2lb Kit
A-223-30 (Elkem LSR-4330/V50131)	2lb Kit
A-223-40 (Elkem LSR-4340/V50096)	2lb Kit
A-225-50 (Elkem LSR-4350/V50097)	2lb Kit
A-225-60 (Elkem LSR-4360/V50102)	2lb Kit
A-225-70 (Elkem LSR-4370/V50101)	2lb Kit

ACETOXY SILICONES



BIOCOMPATIBILITY: IMPLANT GRADE: < 29 DAYS

Our medical products are designed and tested to meet many of the ISO 10993 biocompatibility test requirements for long-term implantable materials, which can create substantial savings in product development testing and time to market. All materials used in each manufactured lot are screened beforehand by a MEM tissue culture test.

Elkem Silicone Medical Grade RTV Silicone Adhesives (Med 4100 and Med 4300) are high strength one-part products designed for use in fabricating elastic bonds to various substrates. These acetoxy silicones cure at room temperature, vulcanized by exposure to ambient moisture in the air, to form a tough, elastic bond. While curing, these silicone adhesives give off an acetic acid odor. It contains no solvents or plasticizers. Medical Grade RTV Silicone Adhesive is designed to exhibit high thixotropy in thin sections, but will self-level in thick sections.

A-4100 is recommended for silicone-to-plastic bonding applications.
A-4300 is recommended for silicone-to-metal bonding applications.

- Cures at room temperature
- Very high bond strength
- Produces no cytotoxic effect in a direct-contact cell culture
- Low viscosity
- High translucency

A-4100 3oz / 90gr Tube

A-4300 3oz / 90gr Tube



A-564 ACETOXY SILICONE ADHESIVE

New improved one-part RTV acetoxy silicone elastomer. This silicone elastomer will form a tenacious bond to most silicone elastomers.

- Low viscosity
- Enhanced physical properties
- Enhanced cohesive qualities
- Low durometer
- Accelerated cure time

A-564 2oz / 57gr Tube



A-100 ACETOXY SILICONE MEDICAL ADHESIVE

This medical adhesive silicone is a one-component, low-slump, translucent silicone material for bonding silicone elastomers to one another, as well as to some synthetics and metals. Contains no solvents. Cures at room temperature on exposure to air and moisture. While curing, the silicone adhesive gives off an acetic acid vapor. Following cure, it is of the same chemical composition as other medical grade elastomers.

A-100 2oz Tube

Skin-over Time: 2-6 minutes

Specific Gravity: at 25°C (77°F) 1.06

Durometer Hardness, Shore A: Points 38

Cell Structure, prepared as specified, tests conclude no cytopathic effect.

“Bonding silicone to plastic is as much an art as it is a science.”

VERSILTAL SILICONE ELASTOMERS



Recommended Uses
*Finger & Hand Prosthetics

VST-30 VerSiTal

VERSILTAL SILICONE ELASTOMER-30

VST-30 is a silicone elastomer which works well with a thixotropic agent to adjust the low viscosity of 13,000 cps to a non-flow, non-slumping 500,000 cps. This material can be used for numerous applications. Setting time: 20 minutes.

Recommended Uses: Quick molds, Testing, Ultra-fast duplication

Fast Cure:

1lb Kit
1gal Kit
5gal Kit

TYPICAL CURED PROPERTIES

Durometer Shore A	23
Tensile Strength (psi)	985
Tear Strength (ppi)	100
Elongation (%)	610
Viscosity cps	13,000
Works well with Thixo (A-300-8)	

VST-50 VerSiTal

VERSILTAL SILICONE ELASTOMER-50

VST-50 is a 4-6 hour set at room temperature and can be heat accelerated. This new silicone opens doors for all practical applications.

Recommended Uses: Our most universal silicone with the lowest viscosity and the highest physical properties of any 10:1 RTV on the market today. The downsides are the slight milky color and the resistance to bonding applications.

Fast Cure:

1lb Kit
1gal Kit
5gal Kit

TYPICAL CURED PROPERTIES

Durometer Shore A	30
Tensile Strength (psi)	1035
Tear Strength (ppi)	112
Elongation (%)	660
Viscosity cps	12,000
Works well with Thixo (A-300-8)	



VST-50F VerSiTal

Accelerated Cure

VST-50F is a 2-4 hour set at room temperature, and can be heat accelerated. This elastomer is identical to VST-50, except it is an accelerated version, cures at room temperature in 2 hours!

Recommended Uses: Facial and somato prosthetics

VST-50F VerSiTal

1lb Kit
1gal Kit
5gal Kit

TYPICAL CURED PROPERTIES

Durometer Shore A	27
Tensile Strength (psi)	1095
Tear Strength (ppi)	106
Elongation (%)	625
Viscosity cps	13,000
Works well with Thixo (A-300-8)	

VST-50HD VerSiTal

High Durometer:

VST-50HD is an 8-12 hour set at room temperature, and can be heat accelerated. This new silicone opens doors for all practical applications.

VST-50HD VerSiTal

1lb Kit
1gal Kit
5gal Kit

TYPICAL CURED PROPERTIES

Durometer Shore A	40
Tensile Strength (psi)	950
Tear Strength (ppi)	112
Elongation (%)	550
Viscosity cps	15,000
Works well with Thixo (A-300-8)	

SILICONE FLUIDS

Elkem Fluids are pure, clear, colorless polydimethylsiloxane. They are available in standard viscosities of 100, 350, 1000, and 12,500 cps. Custom viscosities to 2,000,000 cps are also available. These fluids can be ideal for the lubrication of some medical devices.

Fluids are soluble in a variety of aliphatic, aromatic, chlorinated and oxygenated solvents, and may be compatible with many pharmaceutical, cosmetic, and medical device preparations.

Features include:

- Chemical inertness
- High water repellency
- Low volatility
- Low surface tension
- Low order of toxicity
- Resistance to decomposition by heat and oxidation
- Good lubrication characteristics for plastics and rubber

Elkem fluids are tested for cytotoxicity in accordance with ISO 10993-1 requirements for non-critical, limited exposure medical applications.



V40104 100 Centipoise (cps)

16 oz
1 gallon
5 gallons

V40073 350 Centipoise (cps)

16 oz
1 gallon
5 gallons

V40047 1000 Centipoise (cps)

16 oz
1 gallon
5 gallons

V40098 12,500 Centipoise (cps)

16 oz
1 gallon
5 gallons

SILICONE FLUIDS



A-310 SILICONE FLUID POLYDIMETHYLSILOXANE (DIMETHYL)

This silicone fluid is a thinning agent for all silicone elastomers. Recommended use no more than 20% by weight. It is a straight chained 100% polydimethylsiloxane.

Properties:

- Very good resistance to high and low temperatures
- Good dielectric properties
- Low surface tension
- High compressibility
- Absence of aging upon exposure to atmospheric agents
- Good oxidation resistance
- Little change in viscosity with temperature

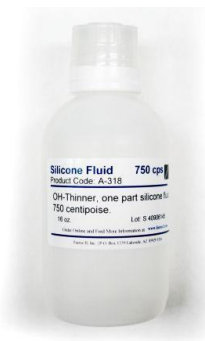
A-310	50cps	16oz
A-310-GAL	50cps	1gal
A-310-1	1000cps	16oz
A-310-1-gal	1000cps	1gal
A-310-1-5gal	1000cps	5gal



A-313 FUNCTIONAL SILICONE FLUID (PLATINUM COMPATIBLE)

This liquid will lower the viscosity of silicone elastomers by not changing the durometer, can be used to dilute all silicone elastomers, and will create a dimensionally stable rubber. It will not alter the measurable qualities of the elastomer.

A-313	1000cps	16oz
-------	---------	------



A-318 OH THINNER

A-318 Silicone Fluid (hydroxyl) end group. This is a 750 cps silicone fluid, straight chain Dimethylpolysiloxane oil with reactive hydroxyl end groups. This fluid is used for filler treatment. It is an additive for polymer extrusion and transformation in many (various) applications when working with silicone elastomers. It is used in the preparation of room temperature RTV silicone elastomers. Properties: OH Thinner is a clear, colorless, odorless, and semi-viscous liquid @ 750cps.

A-318	750cps	16oz
-------	--------	------



A-244 SILICONE FLUID

This volatile, low viscosity silicone fluid can be used as a safe solvent. This product is clear, essentially odorless, non-toxic and non-greasy. A-244 fluid has a boiling point of 172°F, and a flashpoint of 55°C, with a viscosity of 2.5cps.

A-244	2.5cps	16oz
A-245	2.5cps	1gal
A-246	2.5cps	5gal

IMPRESSION MATERIALS



M-517 COFORM SOFT IMPRESSION MATERIAL (PURPLE)

- Fast curing, high accuracy, thixotropic platinum cure silicones
- Soft (15-20 Shore A): work time 1 minute, cure time 4-5 minutes (Requires DG-1-S gun)
- Supplied as individual cartridges with 5 mixing nozzles
- Dispensing guns available

M-517 Soft



30-3046 PLASTER BANDAGE 3

Plaster Bandage has proven to be an excellent backing (reinforcement) to a mother mold or direct impression taking. Place one layer onto the initial impression of FX-302 to back and create a rigid (non-flexible) impression: Save time and capture detail. Can also be used for direct body casts. Follow Technical Data Sheets for details.

30-3046 Box of 12 6" x 5 yards



FX-304 SILICONE PUTTY

This is ideal Heavy Body impression putty. Two-part 1:1, A:B. RTV platinum cure at 77°F approximately 5 minutes. This material is green and white, ideal to be used onto the FX-302 for backing and accurate impression molds. FX-304 is easily kneaded by hand and worked into place for extremely accurate replication of parts.

TYPICAL CURED PROPERTIES Durometer

Shore A:	55
Tensile strength (psi):	410
Tear Strength (ppi):	100
Elongation (%):	15

FX-304 Silicone Putty 340g A/B

SPECIALTY SILICONES



PLATINUM CURE SILICONE KIT – PCSK-10

Starter kit contains everything you need to help you get started with mixing and coloring silicones.

Silicones

- 1 VST-50: Facial primary silicone
- 1 VST-30C: Catalyst only – we simply add a crosslinker quick to mold for soft appliances
- 1 A-RTV-3040: higher durometer, lining for fingers, digits, and nasal appliance
- 1 A-RTV-3045C

- 1 A-564-2 Acetoxy Silicone 2oz: Sealant Paint very thin coat to laminate seal
- 1 TS-564 4oz. Sealant: dispersion primary initial seal after adding extrinsic
- 1 MD-564 4oz matting agent: remove the gloss after A-564

Impression Material

- 3 M-517 Soft silicone impression material
- 1 DG-1-S Cartridge for dispensing M-517
- 1 FX-304-1 One-pound kit backing for M-517 to hold shape
- 1 Sample FX-300 impression lube, before impression release and balance ph of skin

Colorants

- 1 FI-200 1oz White
- 1 FI-202.1 1oz Yellow
- 1 FI-235 1oz Blue
- 1 FI-204 1oz Red
- 1 FI-SK01 1oz Naturelle
- 1 FE-1999 FE color Kit
- 1 H-101R Red Flocking
- 1 H-107P Plum Flocking
- 1 H-108T Tan Flocking
- 1 H-109P Pink Flocking

Skin Care

- 1 B-200-R Regular Strength water-based adhesive
- 1 B-200-30 Hydrobond water-based adhesive mild
- 1 B-530 1oz silicone-based adhesive very strong
- 2 Sample wipes B-100 skin prep wipes. Place on skin prior to adhesive for protection
- 1 B-200-12 Antimicrobial soap for cleansing the skin
- 1 B-200-9 Antimicrobial spray prevents buildup of candida on appliance
- 4 B-608-1 1oz ProBond adhesive remover for silicone-based adhesive.

SPECIALTY SILICONES



A-341: Silicone Soft Gel

A-341 is a unique two-component platinum RTV silicone gel. It has a wide variety of uses, from prosthetics, special effects and GFA's (gel- filled applications) to various manufacturing applications. This gel will develop much of the same dimensional stability and non-flowing characteristics as a solid silicone elastomer.

- RTV very fast setting at room temperature
- Simple 10:1 by weight ratio
- Translucent
- A-341 can be heat accelerated and will cure in 20 minutes at 150°F
- Low viscosity
- Pot life @ 77°F (room temp) is 30 minutes
- Viscosity at 77°F (room temp) is 8 to 12,000 cps

A-341 Soft Gel Kit (10:1 ratio) 32oz Kit
Also available in 1 and 5 gallon (POR)



TECHNOVENT M-511 PLATINUM SILICONE RUBBER

M-511 has been specifically formulated for the creation of maxillofacial prosthetics in Europe. It has become the silicone elastomer of choice for many hospitals and clinical units throughout England. Ideal for implant-retained prosthesis as it bonds well to methyl methacrylate (acrylic) resins.

- 10:1 Cure System
- Standard cure hardness approximately Shore A 25-30
- Standard work time approximately 1 hour
- Available in 500g and 1kg

Can be used in conjunction with:

- M510 Gel catalyst to create gel filled prostheses
- M513 Softening agent (Shore A 15-20)
- M514 Anti-slump agent

M-511 1kg Kit



A-4717: HIGH TACK SILICONE ELASTOMER

A-4717 is a two part, clear to translucent, pourable silicone system that cures at room temperature and forms a permanent high tack gel. Polymerization occurs without formation of heat RTV (room temperature vulcanizing). When used correctly, it will self-attach to a silicone prosthesis as a permanent adhesive

A-4717 1lb Kit



TS-550: SILICONE DISPERSION

TS-550 Ultra Clear is a 2-part Silicone Dispersion. Mix A B 1:1 by weight or volume. Allow solvent to evaporate between coats. Must be heat cured.

TS-550 1oz
TS-550-8 4oz



A-101 PROSTHETIC SILICONE ELASTOMER

A-101 (6382): Elastomer is a direct replacement to Dow Corning Silastic 382 elastomer from the 1980s

This two-part RTV elastomer is pre-pigmented to an off-white color. Diatomaceous earth is the main filler. Base is polydimethylsiloxane; work time and cure time can be adjusted to the needs of the clinician from four minutes to one hour. Material is pourable and will vulcanize in the presence of moisture with no effect on the rate or thoroughness of cure. Curing agent is stannous octoate.

6382 Prosthetic Silicone Elastomer

A-101 16oz Kit
A-101-8 1gal Kit

TYPICAL CURED PROPERTIES

Durometer Shore A: 45
Tensile Strength (psi): 350
Elongation (%): 160
Viscosity A: 40,000 cps



A-106 PROSTHETIC SILICONE FOAM ELASTOMER

A-106 (A-2370): Silicone Foam is a direct replacement to Dow Corning Q7-4290, Silicone Foam from the 1980s

A-106, A-2370 Prosthetic Silicone Foam is a two-component system supplied as a silicone base and catalyst. A-106 will expand quickly once the catalyst is introduced. The system cures to rubbery foam at room temperature with minimal heat evolution. The base is a polydimethylsiloxane elastomer mix. The catalyst is stannous octoate. Specific advantages include room temperature cure, light weight, resilient and soft; pigmentable.

2370 Low Density Silicone Elastomer

A-106 16oz Kit

TYPICAL CURED PROPERTIES

Specific Gravity: 0.16
Color: Tan
Density (lbs./cu.ft.): 10
Viscosity A: 8,000 cps

ACETOXY SILICONE DISPERSION



TS-564 ACETOXY SILICONE DISPERSION RTV

TS-564 is high strength silicone dispersion, one-component RTV, flowable. Because of its properties, this material is well-suited for spraying, dipping or brushing thin elastomeric films. Allow 30 minutes between coats.

TS-564 4oz
TS-564-1 1oz

TYPICAL CURED PROPERTIES

Solvent: Cyclohexane
Color: Translucent
Tensile Strength (psi): 950
Tear Strength (ppi): 87
Elongation (%): 810



MD-564 ACETOXY MATTING DISPERSION

MD-564 is a matting dispersion. Before you use this product, you must introduce 2 grams of A-564 for every 10 grams of MD-564 to create the sealing medium. We have found that we cannot premix this product before shipping, as the product has a very short shelf life. Once it is mixed together, it will initiate a full set. Use immediately once the A-564 has been added.

- Solvent is CCH with a matting agent
- Color: Translucent

MD-564 4oz
MD-564-1 1oz



EXTRINSIC COLORATION SEALANT KIT (A-564, TS-564, MD-564)

A-564 has been proven to be an excellent sealing silicone with extremely high adhesion properties. This one-part acetoxy silicone elastomer has a lower viscosity than the typical acetoxy systems on the market. Low viscosity, low durometer of 28, high tear of 100 ppi. The A-564 is translucent and possesses elevated cohesive properties, bonding silicone to silicone.

TS-564 is a diluted version of the A-564 that creates a very tenacious sealant, which would be applied over extrinsic painting. This, however, may create a glossy surface that is typically not desired. Lastly, the MD-564 is a final wash to eliminate the gloss finish to the appliance.

564-KIT



NON FLAMMABLE SOLUTIONS

We are now proud to offer nonflammable solutions for both our TS-564 and MD-564 dispersions. By using our new NFS solvent instead of the standard solvent solution for this product we are able to make nonflammable versions of our TS-564 (Acetoxy Silicone Dispersion) and MD-564 (Acetoxy Matting Dispersion) with no alteration in physical properties. This allows us to ship these products nonhazardous, air, and international. Available in both 4oz. and 1oz. bottles.

TS-564-NFS 4oz
TS-564-1NFS 1oz

MD-564-NFS 4oz
MD-564-1NFS 1oz

On completion of the extrinsic coloration to the patient's satisfaction, it is necessary to seal the coloration with silicone. The prosthesis is painted with the **TS-564** solution. This is carefully applied so as not to disturb any of the extrinsic coloring. This thin layer will cure in a reasonably short time. A little heat will accelerate the process.

Once the layer is dry, a thin layer of **A-564** is then applied. This layer is matted using slightly damp gauze. Again, keep the layer of silicone thin. Ensure that there is no water visible on the silicone. Proceed to cure the silicone. When this layer is cured, apply a thin layer of the **MD-564**.

This will dry visibly matte, but allow it to cure completely. Once cured, wash the prosthesis with clear soap and water, dry, and the prosthesis is ready for delivery.

PRIMERS



A-304 PLATINUM

This Platinum primer is used to enhance the bond between platinum-cured silicones and various substrates, acrylics and polyurethane sheeting. **Very effective!**

Platinum Primer (GOOD)
A-304 1oz



A-306 PLATINUM

This Platinum primer is similar to the A-304 primer, but has enhanced bonding properties for use with platinum silicones. **Chemically the same as the A-304 with increased tenacity!**

Platinum Primer (BETTER)
A-306 1oz



A-330-G PLATINUM

This Platinum A-330-G gold primer is by far the most advanced platinum cure (addition cure) silicone elastomers. A-330-G primer will chemically enhance the bond of silicone elastomer to acrylic resins. This primer works the best with many various substrates like plastics and metals.

Platinum Primer (BEST)
A-330G 12gm

ADDITIVES



V40096 PRIMER FOR METALS

Good for both platinum and condensation silicone elastomers.

V40096 -1 1oz
V40096 16oz



A-320-1 BONDING ENHANCER

Proven to enhance a strong bond between platinum silicones and both acrylic resin and polyurethane sheeting, and direct metal structure. Use with A-304 Primer and acetone. Must be heat cured, not intended for RTV applications. Solvent is 1:1:1 Trichloroethane

Bonding Enhancer
A-320-1 1oz

SILICONE ADDITIVES



A-300-1

This translucent material is a liquid additive that, when mixed with silicone, will convert most low viscosity elastomers to a thixotropic (non-flowing) silicone elastomer. Ideal for intrinsic coloration. Works with all platinum silicones.

A-300-1

1oz



A-300-8

This translucent material works exactly as A-300-1 Thixo, only more economical. Compatible with VST.

A-300-8

1oz



A-317

This pure platinum accelerator can be added to most addition cure (platinum) silicone elastomers to accelerate the cure time of silicone.

A-317

1oz



D-109 CAB-O-SIL

This fumed silicone dioxide has unlimited uses when working with any and all silicone elastomers. The most important use of this material with silicones is for the control and increase of viscosity and thixotropy. This is the purest commercially available amorphous silica. Cab-O-Sil uses are unending!







D-109 1 Gallon by volume

D-109 Bulk



SOLVENTS



	<p>FE-100 EXTRINSIC SOLVENT</p> <p>A synthetic solvent is the first generation to replace the chlorinated solvents we are accustomed to using. Still has an order, but we believe it not to be as strong as some of the harsher solvents. This solvent is a silicone derivative and is basically harmless.</p> <p>FE-100-1 1oz FE-100 4oz FE-100-16 16oz</p>		<p>B-3808 ETHYL ACETATE</p> <p>A great solvent for cleaning molds after use. Also works well for cleaning up minor silicone spills. Always follow with rubbing alcohol to remove any residual.</p> <p>B-3808 8oz B-6808-P 16oz</p>
	<p>I-301 EXTRINSIC TRI-FLUID</p> <p>This solvent has proven itself in extrinsically pigmenting silicone applications. This will effectively open pores of silicone, allowing time for pigment to infuse into these areas. Once solvent evaporates, material will return to its original state. 1:1:1 Trichloroethane</p> <p>I-301-1 1oz I-301-2 2oz I-301 16oz</p>		<p>B-708 NFS NONFLAMMABLE SOLVENT</p> <p>A perfect replacement for EPA banned nonflammable solvents. Great for extrinsic coloration, and silicone solutions. Make sure the bottle is tightly sealed after each use as this material evaporates very quickly. Due to its non-flammability and stability this product can be shipped international and air.</p> <p>B-708-1 1oz B-708 8oz B-708-16 16oz</p>
	<p>A-315 HD SOLUTION .65 HEXAMETHYLDISILOXANE</p> <p>This low viscosity .65 CS silicone fluid is clear, essentially odorless. Volatile silicone fluid will evaporate, leaving no residue. This fluid can be used to reduce surface tension and promote leveling of some elastomers. Many uses.</p> <p>A-315 16oz A-315-G Gallon</p>		<p>A-840 CCH SOLVENT</p> <p>CCH (cyclohexane) solvent has proven itself for many practical applications, replacing 1:1:1 Trichloroethane, which has been banned to manufacture by the EPA.</p> <p>A-840 16oz A-840-G Gallon</p>

COLORANTS



I-100 NON-FUNCTIONAL COLORS

Non-functional pigments that can be used both intrinsically and extrinsically. Because they are a non-functional pigment, they work amazingly well with our HCR Silicone Gum Rubber. The pigment is very concentrated, so it is also good for delivering rich opaque colors, use very little for translucent coloring.

I-100 Individual colors

I-100W White
I-100R Red
I-100F Flesh
I-100RB Red Brown
I-100BL Black
I-100Y.1 Yellow
I-100ULB Ultra Blue



FE- INDIVIDUAL EXTRINSIC COLORS

For external coloration of prosthetic materials. (.5oz each). This extrinsic coloration system is a blend of FD&C cosmetic pigments crushed into a silicone crosslinking fluid creating a thixotropic pigment paste. These pigments are compatible with all addition cure (platinum) silicones and are designed to both mechanically and chemically bind to the surface of a silicone device. For best results, mix with FE-100 solvent which is a silicone fluid used to dilute the extrinsic colors. KT-199 (10-Color Kit) and FE-1999 8-Color Mini Kit) are also available.

FE - Individual Colors



KT-599 FUNCTIONAL INTRINSIC KIT

FI-200 White
FI-202.1 Yellow FI-203 Blue
FI-204 Red
FI-205 Black
FI-215 Tan
FI-217 Umber
FI-218 Burnt Sienna
FI-222 Raw Sienna
FI-225 Monastral Red
FI-230 Violet
FI-232 Green
FI-SK01 Naturelle
FI-SK03 Ivory
FI-SK05 Bisque
FI-SK07 Cream
FI-SK09 Honey
A-300-1

KT-599 Fun
23-Color Kit
FI Individual colors 1oz ea
FI-SK Individual colors 1oz ea



FI FUNCTIONAL INTRINSIC COLORS INDIVIDUAL BOTTLES

Individual Colors. For internal coloration of prosthetic materials. - 1oz each - This intrinsic coloration system is a blend of FD&C cosmetic pigments crushed into a silicone crosslinking fluid, creating a viscous but liquid silicone pigment. These pigments are compatible with all addition cure (platinum) silicones and are designed to chemically bind internally to a silicone device. Intrinsic Kits are available for purchase. Larger sizes available -- call for information.

FI - Individual Colors 1oz ea



KT-199 EXTRINSIC COLORATION SYSTEM

FE-208 Beard Stipple
FE-217 Umber
FE-219 Yellow Ochre
FE-222 Raw Sienna
FE-225 Monastral Red
FE-235 Ultra Blue
FE-301 Plum
FE-305 Liver Spot
FE-228 C- Stipple
FE-230 Violet
A-840 is included in this kit.

KT199 10-Color Kit
Individual Colors 1oz ea
Extrinsic Coloring System
Pigments are used to extrinsically pigment silicone elastomers. Must be diluted with a solvent as a vehicle to carry pigment into the silicone.



FI-SK FUNCTIONAL INTRINSIC SKIN COLORS INDIVIDUAL BOTTLES

Individual colors. For internal coloration of prosthetic materials. 1oz each - This intrinsic coloration system is a blend of FD&C cosmetic pigments crushed into a silicone crosslinking fluid, creating a viscous but liquid silicone pigment. These pigments are compatible with all addition cure (platinum) silicones and are designed to chemically bind internally to a silicone device. Intrinsic Kits are available, or purchase individual bottles - 1oz ea.

FI-SK Individual skin colors 1oz ea

COLORANTS



H-100 RAYON FLOCKING - INDIVIDUAL COLORS

New wash fast rayon flocks hold their color longer and resist fading better.

H-102-W White	H-113-G Charcoal Grey
H-103-Y Yellow	H-115-G Gold
H-104-B Light Blue	H-116-P Hot Pink
H-105-B Blue	H-117-Y Medium Yellow
H-106-O Orange	H-119-P Peach
H-107-P Plum	H-120-LB Light Buff
H-108-T Tan	H-121-B Dark Red
H-109-P Pink	H-122-B Dark Blue
H-110-B Brown	H-131-G Green
H-111-V Violet	H-132-F Flesh
H-112-B Black	H-123-O Orchid

H-100 2oz

Call for bulk and volume pricing.



H-135-R LONG RED FLOCKING

Long fiber rayon flocking.

H-135-R 2oz



KT-896 CUSTOM FLOCKING KIT (A 10-color kit of popular colors)

H-101-R Red
H-107-P Plum
H-108-T Tan
H-109-P Pink
H-111-V Violet
H-113-G Grey
H-115-G Gold
H-123-O Orchid
H-131-G- Green
H-132-F Flesh

KT-896







FE-1999 EXTRINSIC COLORATION KIT

This mini trial kit FE-1999 includes 8 colors: White, Red, Blue, Yellow, Liver Spot, C-Stipple, Beard Stipple, Raw Sienna. Similar to the KT-199 full kit version.

FE-1999

ACRYLICS – HEAT CURE

	<p>J-600 CLEAR POLYMER - OCULAR</p> <p>Highest quality clarity methyl methacrylate acrylic polymer only, clear in color. Recommended for the final clear layer, (conjunctiva) of an ocular prosthesis (artificial eye).</p> <p>J-600 16oz</p>
	<p>J-572 MONOMER CROSSLINKED - DENTAL - HEAT-CURE</p> <p>Crosslinked heat cure monomer use with J-600 clear polymer. Dense crosslinking monomer to finish ocular seal on acrylic artificial eyes.</p> <p>J-572 32oz</p>
	<p>J-510 SCLERAL POLYMER HEAT-CURE</p> <p>Highest quality methyl methacrylate acrylic polymer only. It is white in color to replicate the scleral coloring of an ocular prosthesis.</p> <p>J-510 16oz</p>
	<p>J-570 MONOMER NON-CROSSLINKED - OCULAR - HEAT-CURE</p> <p>Scleral Polymer, highest quality scleral (white) acrylic resin. Heat Cure, can also be tinted for additional scleral colors. Simply by adding oil pigments to the monomer any color of the rainbow or beyond can be obtained</p> <p>J-570 32oz</p>

ACRYLICS – SELF CURE



AC-104-K CRYSTAL CLEAR SELF-CURE ACRYLIC RESIN

Crystal clear self-cure acrylic resin, kit includes 1 8oz monomer, AC-104-P, and 1 16oz. Use with polymer AC-104-P polymer for best results.

AC-104-K Kit



AC-104-P CRYSTAL CLEAR POLYMER

The polymer is a carefully designed copolymer with a particle size and composition which is conducive to the 'salt and pepper technique'. It quickly absorbs the monomer and forms a non-slumping resin which can be carved and shaped before the final cure in the pressure vessel. Self-cure with warm water for best results.

AC-104-P 16oz



AC-104-M CRYSTAL CLEAR MONOMER

Crystal Clear Acrylic Resin specially formulated to work with AC-104-P.

AC-104-M 8oz

MOLD MAKING



F-907 MODEL SURFACTANT

Liquid compound that reduces surface tension on all gypsum models, impressions and sculptures. Spray a light covering of this liquid onto the surface before you vibrate your gypsum mix into or over your model.

F-907 4oz pump



FX-505 PLATINUM MOLD MAKING SILICONE

This is an excellent new line of mold making silicones. Blue in color, room temperature curing, RTV Platinum silicone. Mix 10:1 by weight. Dimensionally stable. Produces very accurate molds.

FX-505



MM-100 EPOXY SURFACE COAT

This is a white, two-part, hydrophilic epoxy resin (cures in the presence of water). It is engineered to create an epoxy-faced gypsum mold. The room temperature cure material can be brushed onto any surface backed with gypsum and is heat resistant above 200°F. Demolds overnight in ten to twelve hours. Pot life of 20 minutes. Kit includes 16oz Part A and 2oz of Part B. Mix A:B, 100:8.

MM-100 20oz kit
MM-100-G

TYPICAL CURED PROPERTIES
Tensile Strength (psi): 9,475
Compressive Strength (psi): 13,600

MOLD RELEASES



F-901 SEPARATING FILM

The superior tin foil substitute for use with all gypsum molds. Great separator for silicone.

F-901 16oz



A-515 EASE RELEASE 200

A-515 is a proven general purpose mold release for use with silicones, urethanes, epoxy, polyester and many other resins.

A-515 12oz



A-501 ZINC STERATE

Low melting point IMS Zinc Sterate Spray is a universal release agent compatible with all present molding materials. It is also recommended for use when painting, printing, plating, or decorations are done after molding.

A-501 8.5oz



A-503 SILICONE MOLD RELEASE

IMS 3% Silicone Spray Mold Release is a general-a-5 purpose mold release. Its 3% concentration of silicone forms a long lasting film on the mold yet leaves little residue on the part. DO NOT use in areas where painting, plating, or stamping is done.

A-503 9.25oz

SILICONE (PSA) ADHESIVES



Silicone-based pressure sensitive (PSA) medical silicone adhesive. Dispersed in ethyl acetate. Retains adhesive qualities in the presence of moisture or perspiration. Adhesive qualities are unaffected by normal temperature variations.

Low Viscosity

B-400	1oz	Thin
B-400N	1/2oz	Thin
B-401	2oz	Thin
B-402	16oz	Thin

High Viscosity

BT-401-1	1oz	Thick
BT-401	2oz	Thick
BT-402	16oz	Thick



SECURE II MEDICAL ADHESIVE B-460

Pressure sensitive (PSA) medical silicone adhesive. Dispersed in ethyl acetate. Retains adhesive qualities in the presence of moisture or perspiration. Adhesive qualities are unaffected by normal temperature variations.

Low Viscosity

B-460	1oz	Thin
B-460N	1/2oz	Thin
B-461	2oz	Thin
B-462	16oz	Thin

High Viscosity

BT-460-1	1oz	Thick
BT-460	2oz	Thick
BT-461	16oz	Thick

Silicone-based adhesives dispersed in solvents, pressure sensitive adhesives (PSA)

B-400, 1oz bottle
B-401, 2oz bottle
B-402, 16oz bottle

B-460 is an identical material to B-400. This material is dispersed in the same solvent but is newly formulated and is proven to demonstrate a higher tack. This is not necessarily true in all daily uses since the real test is based on both the material one is adhering (for example, silicone, urethane or vinyl) or the material a device or prosthesis could be made of.

1. The size, weight and placement of the device, tissue movement
2. The pH of the patient's skin
3. Climate (hot and humid or cold and dry)
4. Fillers used in the silicone device or prosthesis

BT-401, 2oz Thick (65% solids and 35% solvent)
BT-402, 16oz Thick (65% solids and 35% solvent)

B-460, 1oz bottle, dispersed in ethyl acetate
B-461, 2oz bottle. (30% solids and 70% solvent)
B-462, 16oz bottle

When you go to the BT series, it is also the same PSA material, we have simply used "BT" to designate thick; the material is 78% solids in 22% solvent (higher viscosity). This is exactly the reverse of the B series material. So you will pay more but you will receive more solid content so the material will appear much thicker (increased viscosity).

BT-460, 2oz Thick (60% Solids and 40% Solvent)
BT-461, 16oz Thick (60% Solids and 40% Solvent)

B-530 is also a silicone-based PSA. The solvent used in this series is a non-flammable solvent. The odor does not appear to present itself as strong or offensive to most clinicians, and demonstrates tremendous tack. This material is only available in one version.

B-530, 1oz bottle
B-531, 2oz bottle.



NFS Adhesive B-530

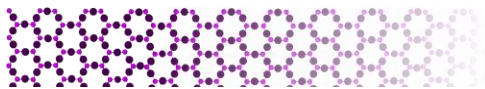
NON-FLAMMABLE

Pressure sensitive (PSA) medical silicone adhesive. Dispersed in a non-flammable solvent. Do not apply directly to skin allow 3-5 minutes for solvent to evaporate before applying prosthesis to skin. Retains adhesive qualities in the presence of moisture or perspiration. Adhesive qualities are unaffected by normal temperature variations.

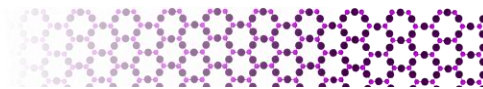
Low Viscosity

B-530	1oz	Thin
B-531	2oz	Thin

**B-530 (PSA) is NON-FLAMMABLE
and can be shipped worldwide without additional
shipping regulatory issues**



ADHESIVES



WATER BASED

These adhesives in water emulsion have proven to be excellent. There are no solvents present and for the past 20 years, they have shown extremely good patient acceptance.

WINTER SHIPPING RESTRICTIONS affect these products from November through April. Requires 2nd day shipping or faster as freezing damages adhesive qualities.



DARO ADHESIVE REGULAR

This product is ideal for lighter prostheses in climates that are cool and dry. White in color, but dries clear.

B-200-R 2oz



DARO ADHESIVE EXTRA STRENGTH

This product is good for heavier prostheses in climates that are cool and dry. White in color, but dries clear.

B-200-ES 2oz



DARO HYDROBOND

Hydrobond adhesive is to date the strongest of all the water-based products. Always try water-based adhesives before going to the stronger solvent-based products. White in color, but dries clear.

B-200-30 2oz



B-204 PROS-AIDE

Water-based Pros-Aide is the standard in the industry for adhering appliances and other makeup components to the skin. Pros-Aide is the base for PAX Paint, which is a combination of water-based acrylic colors and the adhesive.

B-204 2oz



B-205 3M DOUBLE-SIDED SURGICAL TAPE BIFACE

3M brand double-sided adhesive coated medical tape. Polyethylene.

B-205	Large Roll	1/2" x 36 yds
B-205-1	1" Roll	1" x 24 yds
B-205-SR	Small Roll	1/2" x 3 yds

ADHESIVE SOLVENTS

PROBOND ADHESIVE REMOVER

Removes adhesive from skin and prostheses. There is virtually no odor and it's clear. It is safe for topical use.



B-608-1 1oz
B-608 4oz
B-608-16 16oz



B-608-M 25 Mitts



B-105 UNISOLVE ADHESIVE REMOVER WIPES

Smith & Nephew Uni-Solve adhesive remover wipes. Eases tape and adhesive dressing removal. Reduces trauma from adhesive removal. Easy to use. **For external use ONLY. Avoid eyes and use with adequate ventilation. Keep away from children.**

B-105 Box of 50 wipes



B-508 SECURE SOLVENT

Removes silicone-based adhesive residue. Ingredients: aliphatic naphtha petroleum distillates.

B-508 4oz
 B-508-16 16oz
 B-508-GAL 1gal



B-206 DETACHOL ADHESIVE REMOVER

This adhesive remover is non-irritating, mild, hypoallergenic, does not sting, non-aerosol, and has no offensive odor. Detachol has been marketed since 1935 without any adverse reaction to patients' skin.

B-206 4oz



B-208 PROS-AIDE ADHESIVE REMOVER

From the makers of Pros-Aide comes a safe remover/cleaner for Pros-Aide adhesive.

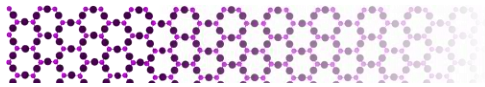
B-208 8oz



B-510 BOND OFF FROM BEN NYE





Total adhesive remover. Quickly dissolves and removes prosthetic adhesive and spirit gum residue.

B-510 2oz
 B-511 8oz



SKIN CARE



	<p>SKIN PREP B-100 Wipes</p> <p>A waterproof skin barrier that protects the skin from irritation and trauma resulting from tape or dressing applications. This barrier assures you firm and holding positive tape adherence by enhancing the power of the adhesive. Skin-Prep Protective Dressing dries completely when applied and is easily dissolved with soap solutions. The clear barrier enables observation of skin changes and is non-staining.</p> <p>B-100 Box of 50</p>
	<p>DARO B-200-12 ANTIBACTERIAL SOAP</p> <p>Use this antimicrobial soap daily to help reduce the amount of microorganisms that can grow on your prosthetic appliance. This soap will also assist in adhesion by removing excess buildup on your silicone appliance.</p> <p>B-200-12 4oz</p>
	<p>DARO B-200-09 ANTIMICROBIAL SPRAY AGENT</p> <p>Spray this antimicrobial agent onto the back of your silicone prosthesis daily to reduce microorganisms that may grow on your prosthetic appliance.</p> <p>B-200-09 4oz</p>
	<p>B-203 EDGE ADHESIVE</p> <p>Edge Adhesive was developed for implant retained prosthesis where the fine edge is all that needs to be held down with adhesive. Rather than use a traditional adhesive/glue or Vaseline, Technovent has developed a new adhesive which can be easily wiped away yet retains sufficient tack to hold the feather edge in place. This specially designed adhesive will not cause any deterioration of the silicone material used to construct the prosthesis</p> <p>B-203-15 15g</p>

S-RANGE PROSTHESIS MAGNETS

NON-LIPPED PROSTHESIS MAGNET

Non-lipped Magnets are ideal for Denture applications. Split-pole design with an airtight corrosion seal. Non-sterile.

Code	Description	Height	Diameter	Breakaway
MM0-S	Mini Micro Magnet	1.85mm	4.5mm	3.8N
M0-S	Micro Magnet	1.99mm	4.5mm	4.2N
M1-S	Mini Magnet	3.20mm	4.5mm	6.5N
M2-S	Midi Magnet	3.20mm	5.5mm	10.5N
M3-S	Maxi Magnet	3.90mm	5.5mm	11.5N

MINI MICRO MAGNET (MM0-S) MICRO MAGNET (M0-S)



MM0-S HEIGHT 1.85MM
M0-S HEIGHT 1.99MM
DIAMETER 4.5MM

MINI MAGNET (M1-S)



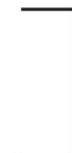
M1-S HEIGHT 3.2MM
DIAMETER 4.5MM

MIDI MAGNET (M2-S)



M2-S HEIGHT 3.2MM
DIAMETER 5.5MM

MAXI MAGNET (M3-S)



M3-S HEIGHT 3.9MM
DIAMETER 5.5MM

OCULAR COMPONENTS



J-200 CLEAR OCULAR BUTTONS

A clear ocular button with an aperture ideal for creating prosthetic acrylic eyes.

Available sizes: BUTTONS

11.0mm
11.5mm
12.0mm
12.5mm
13.0mm

Aperture sizes: 2-4 mm

J-200 Clear Buttons



TECHNOVENT OCULAR IMPRESSION TRAYS

Used to take an impression of an eye socket to fit artificial eye prosthesis.

Available sizes:

J-17 17mm
J-19 19mm
J-21 21mm
J-23 23mm
J-24 24mm
J-26 26mm



j-305 monopoly Syrup

Painting medium developed specifically for painting of artificial eyes.

J-305 4oz



Oil Colors

Assorted Grumbacher oil colors, perfect for coloring ocular discs for acrylic eye prosthesis.

NOT MADE FOR PLATINUM SILICONE ELASTOMERS

OCULAR DISCS BLACK VINYL

Use in the development of prosthetic eyes.

Available Sizes

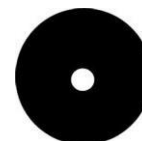
11.0mm
11.5mm
12.0mm
12.5mm
12.7mm
13.0mm

J-100 Black Vinyl

J-130 Black Vinyl 2mm aperture



J-100
Black Vinyl



J-130
Black Vinyl
2mm aperture

OCULAR PATIENT CARE



J-400 SUCTION CUPS FOR OCULAR DISCS

Perfect for working with and handling ocular discs or removing ocular prostheses. Save when you order a dozen.

J-400 Each
J-412 Dozen



OSL (OCULAR SILICONE LUBRICANT)

For artificial eyes ONLY!

Choice of three viscosities:

B-304 Extra Heavy
B-303 Heavy
B-302 Light
Each 1/2oz



501701 EYELASHES

Available in both black (501710) and brown (501720), for use with orbital prosthesis. These can be placed as one unit or split for placement into the silicone appliance.

501701

DISPOSABLES



DISPOSABLE BRUSHES P SERIES

An all-horsehair, tin handle "acid" brush. Use for glue, paste, solder, or acid applications. Very popular for jobs where one time usage is necessary. Horsehair bristles staple-secured, double-crimped. Standard pack consists of 144 pieces.

Number	Size
P7	00
P13	0
P14	1
P15	2
P16	3



RED SABLE BRUSHES

Number

G-407-000
G-407-00
G-407-0
G-407-1
G-407-3
G-407-5



MIXING PADS

Each sheet is plastic coated on both sides, eliminating penetration of material from one sheet to the next. Non-slip backing is waterproof.

9013	Medium	3 1/2" - 5 1/8"	4 pads
9014	Large	6 1/2" - 5 1/2"	2 pads



J-751 DISPOSABLE PLASTIC SYRINGES 50ML

Single use, sulfur free, sterile, silicone safe 50ml syringes.

OTHER SYRINGES

J-710	10cc	Dozen
J-730	30ml	Dozen
J-760	60cc	Each



D-209-N PRIMER TIP APPLICATORS

Unique 100% naturally whitened cotton tip applicators. Flat on one end, pointed on the other with plastic shaft.

D-209-N	Package of 80
---------	---------------

SILICONE MIXING CONTAINERS



PK LIDS POLYPROPYLENE LIDS

Universal sleeve of 50 polypropylene lids. PK-LIDS are designed to fit all 4 sizes of the following PK polypropylene cups: PK-6, PK-8, PK-16 and PK-32. Ideal for storing silicone mixtures for extended usage.

PK-LIDS Sleeve of 50

PK-6 POLYPROPYLENE CUPS

Sleeve of 50 - 6oz polypropylene cups. Perfect to use as silicone mixing cups.

PK-6 Sleeve of 50

PK-8 POLYPROPYLENE CUPS

Sleeve of 50 - 8oz polypropylene cups. Perfect to use as silicone mixing cups.

PK-8 Sleeve of 50

PK-16 POLYPROPYLENE CUPS

Sleeve of 50 - 16oz polypropylene cups. Perfect to use as silicone mixing cups.

PK-16 Sleeve of 50

PK-32 POLYPROPYLENE CUPS

Sleeve of 25 - 32oz polypropylene cups. Perfect to use as silicone mixing cups.

PK-32 Sleeve of 25



D-201-P POLYPROPYLENE MEDICINE CUPS

Thin wall, polypropylene, transparent. Graduations are molded into the wall so content level can be easily seen. Graduated measures of teaspoon, cc and dram. 1oz capacity.

D-201-P 1oz Package of 100



D-201-5 POLYPROPYLENE MEDICINE CUPS

D-201-5 5oz Package of 12

WAXES AND CLAY



G-120 FLESH-TONE: SCULPTING WAX

One pound of flesh-pigmented sculpting wax ropes. This custom wax is designed to use for sculpting facial appliances. Flesh-colored to replicate skin colors when sculpting for a more consistent complement of matching colors.

G-120 1lb



AL-195 UTILITY WAX STRIPS

This easily shaped, soft white rope utility wax is well suited for building up and post-damming purposes. Each rope is 3/16" diameter and 12" long

AL-195

G-120



Fleshtone Sculpting Wax

CHAVANT CLAY

Non-hardening modeling clay. This clay is proven for use when casting platinum cured silicones and it will not contaminate molds.

G-104 1lb

G-104



Sculpting Clay

LABORATORY SUPPLIES



SILICONE TRIMMING WHEELS

These wheels are the absolute best for trimming the flash of silicone applications. Some wheels will cut more aggressively depending on the silicone material. Factors that will affect wheel choice:

- Durometer of silicone
- Density
- Thickness
- Speed of handpiece
- Pressure

Use AL-204 Mandrel

Diameter

5112 (5C) 1"

5113 (5B) 1"

5114 (5D) 1"

SILICONE WHEEL SET

Save when you buy a set of three wheels. You will also receive an AL-204-1 Mandrel. Set includes 1 each of:

5112

5113

5114

AL-204-1 Mandrel

5125



ALCOHOL TORCH

Produces a needle-point flame with gentle pressure on the weighted plastic bottle. 5" high. Ideal for smooth wax.



SCULPTING TOOLS

Buy the kit or each individual tools.

T-1 Cleanup tool

T-2 Cleanup tool

T-3 Double-Ended Stylus

T-4 Saber Saw

T-5 Pallet Knife

T-6 Double-Ended Drill

T-7 Double-Ended Spiral Tool

T-10 Set, T-1 – T-7



LAB SPATULAS

Stainless Steel Blade - Hand-Rubbed Rosewood Handles

AL-601 Spatula

AL-602 Spatula



AL-505

AL-506

LAB KNIVES

Stainless Steel Blade - Hand-Rubbed Rosewood or Ergonomic Enameled Handles

AL-505 #6R Plaster

AL-506 #7R Compound



E-SKIN SPECTROMATCH SPECTROMETER SKIN MATCHING KIT

E-Skin uses a digital library of nearly 20,000 skin tones to match to patient skin for prosthetic applications. All entries in the digital library have a matching colorant recipe. The E-Skin instrument measures skin color and instantly retrieves and displays on its screen a matching colorant recipe from its database. The device is lightweight, easy to use and portable. Its advanced image capture technology sets a new standard for accuracy in a small handheld device. With minimal training, clinicians can read a patient's skin tone, obtain a matching colorant recipe and quickly and accurately weigh out the formulation required. This kit includes one E-Skin spectrometer and one E-Skin colorant starter kit which includes 13 color syringes, 4 flocking color syringes and 1 syringe gun.

FE-Spectromatch



E-1217 VACUUM FORMING MACHINE

Specifications:

Unit Measures: 28" H x 25" L x 16" W

Plastic Sheet Size: 15.25" x 20.25"

Forming Area: 12" x 17"

Weight: 48lbs.

Heater: 1500 Watts

Voltage: 110-120

Maximum depth of draw: 7", depending on mold geometry



E-1827 VACUUM FORMING MACHINE

Specifications:

Unit Measures: 30" H x 30" L x 21" W

Plastic Sheet Size: 21.25" x 30.25"

Forming Area: 18" x 27"

Weight: 65lbs.

Heater: 1500 Watts

Voltage: 110-120 (also available in 210-240 volt single phase)

Maximum depth of draw: 9"-11", depending on mold geometry

Our **Vacuum Forming Machines** have an opening to attach your vacuum source (shop vac or other common household vacuums) and an additional outlet to add an electric pump if needed. A shop vac or similar vacuum removes a lot of air quickly but it does not have a lot of torque. A pressure sensitive valve closes automatically when the vacuum is no longer able to suction and what is left can be evacuated by an electric pump if needed. A vacuum pump removes less air with more torque.

EQUIPMENT



CONVECTION LABORATORY OVEN

This gravity convection oven is designed to consistently and evenly distribute heat throughout the entire surface of the mold placed inside the oven. Exteriors are painted light gray and have a hard, scratch resistant hammer finish. Doors open with high impact thermoplastic handle. Cabinets have heavy steel double wall construction. Work space is insulated from the outer cabinet with one inch of high density mineral wool, and interiors are made of corrosive resistant aluminized steel. Temperature uniformity is greatly improved by a perforated heat shield which absorbs radiant heat and distributes it more evenly.

20GC Model

Inside Dimension: 13" W x 13"H x 13"D inches
Outside Dimensions: 15"W x 21"H x 15"D inches
Cubic Feet: 1.27
800 Watts
6.95 Amps Heating Range
225°C / 437°F



VACUUM CHAMBER

Transparent polycarbonate jar with a polycarbonate vacuum plate having a neoprene gasket and tubing.

D-212-1 Bell Jar 1 gallon.

SILICONE CARTRIDGE DISPENSING GUNS



DG-1-A CARTRIDGE DISPENSING GUN

Suitable for 50ml 1:1 square-end (A/B) style cartridges

Not suitable for high viscosity (50, 60 and 70) cartridge systems.
(For high viscosity, see our DG-50 pneumatic gun)



DG-1-A 50ml



DG-10-S CARTRIDGE DISPENSING GUN

Suitable for 50ml 10:1 round end (S style) cartridges.



DG-10-S 50ml



DG-10-A CARTRIDGE DISPENSING GUN

Suitable for 50ml 10:1 square-end (A-style) cartridges.



DG-10-A 50ml



DG-1-S CARTRIDGE DISPENSING GUN

Suitable for 1:1 round end (S style) cartridges.
for Technovent cartridges only



DG-1-S 50ml

SILICONE CARTRIDGE DISPENSING GUNS



DG-50 PNEUMATIC CARTRIDGE DISPENSING GUN

Suitable for 50ml 1:1 square end (A or B style) cartridges.

Perfect for high viscosity cartridge systems.

Max air pressure of 75 PSI when using our high viscosity liquid silicone rubber cartridges.

This gun lists a limit of 116 PSI but going over the tested 70 PSI can result in catastrophic cartridge failure!



1:1 A-style

1:1 B-style

DG-50 Pneumatic 50ml



DG-200 PNEUMATIC CARTRIDGE DISPENSING GUN

Required for 200ml 1:1 high viscosity liquid silicone rubber cartridges.

For use with our high viscosity silicone cartridge system.

Max air pressure of 87 PSI exceeding this limit can cause catastrophic cartridge or gun failure!



1:1 200ml C-style

DG-200 Pneumatic 200ml



DG-400 PNEUMATIC CARTRIDGE DISPENSING GUN

Required for 400ml 1:1 high viscosity liquid silicone rubber cartridges.

For use with our high viscosity silicone cartridge system.

Max air pressure of 87 PSI exceeding this limit can cause catastrophic cartridge or gun failure!



1:1 400ml C-style



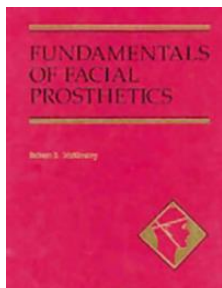
DG-200



DG-50

Pneumatic Dispensing Guns

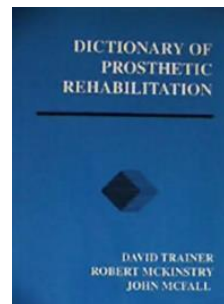
LEARNING RESOURCES



FUNDAMENTALS OF FACIAL PROSTHETICS

This textbook, edited by Robert E. McKinstry, DMD, MDS, MA, is based on the various subspecialties concerned. Fundamentals of Facial Prosthetics is a timely and complete guide to the field of facial reconstruction. It provides essential "how-to" information on facial prosthetic rehabilitation for the wide range of professionals involved in this growing area of the health care profession. Over 300 illustrations, 224p, 8 1/2x 11 hardcover.

J-914



DICTIONARY OF PROSTHETIC REHABILITATION

A dictionary covering the scope of terminology related to prosthetic rehabilitation. The purpose of this publication is to provide a comprehensive dictionary/source book containing definition of the terms used in the fields related to the prosthetic restoration of missing facial and somato structures in one manageable volume. Terms are drawn heavily from the fields of medical art, prosthodontics, ocular prosthetics, material science, and prosthetics.

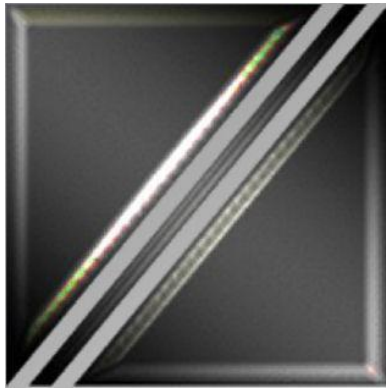
J-912



CONTENTS



Platinum Silicones.....	2
LSR Silicone Cartridges	6
LSR	7
Acetoxy Silicones.....	8
Versital Silicone Elastomers.....	9
Silicone Fluids.....	10
Silicone Fluids.....	10
Impression Silicones	12
Specialty Silicones	13
Condensation Silicones	15
Acetoxy Silicone Dispersions	16
Primers	17
Silicone Additives.....	18
Solvents	19
Colorants	20
Acrylics Heat Cure	22
Acrylics Self Cure.....	23
Mold Making	24
Mold Releases	25
Silicone (PSA) Adhesives	26
Adhesives	27
Adhesive Solvents	28
Skin Care	29
Technovent Magnetic Components	30
Ocular Components.....	32
Ocular Patient Care	32
Disposables	33
Silicone Mixing Containers.....	34
Waxes and Clay.....	35
Laboratory Supplies	36
Equipment.....	37
Silicone Cartridge Dispensing Guns	39
Learning Books.....	41



FACTOR II, INC.

The Art, Science & Technology
of Silicones & Prosthetics

