

LIFE DEMANDS *FLEXIBILITY*

Inspired by perseverance and crafted by experts. The **ELM** System embodies the partnership between determined patients and prosthetists dedicated to comfort and stability.



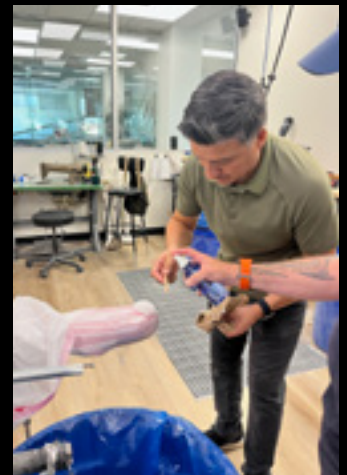
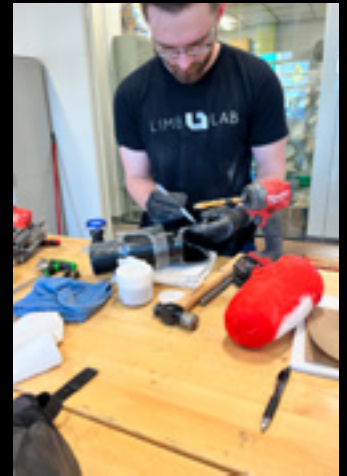
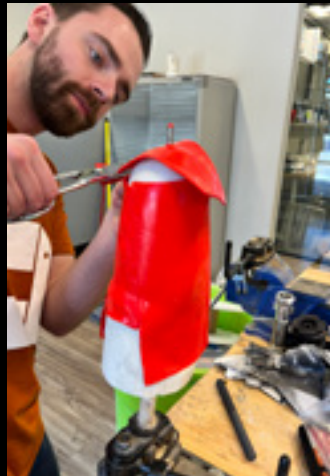
Ben (TT): *"I've always wanted a socket with more flexibility at the climbing gym."*



BRINGING CUSTOM FABRICATION IN-HOUSE

ROLLED SILICONE SHEETS DESIGNED TO MAKE CUSTOMIZATION EASIER

Custom reliefs with precision • Proprietary resin and silicone bond



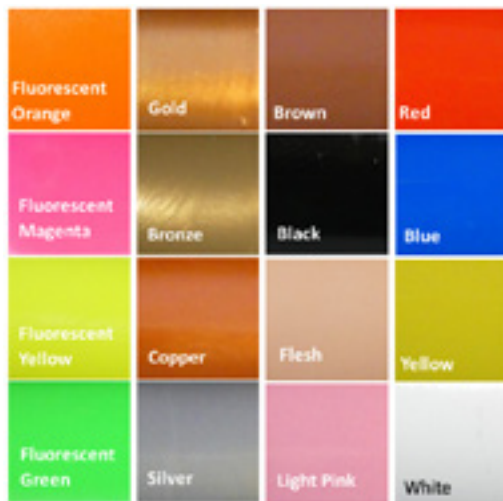
With the ELM System, every patient receives a truly custom socket. Patented Innovative Edge Silicone System (INESS) and skilled craftsmanship combine with in-house rolled-silicone fabrication to deliver a transformative Extreme Limb Makeover.



Patent No.: US 12,427,043 B2

ELM Silicone Kits

Color	Abbreviation
Transparent	TR
Black	BLK
White**	WH
Brown**	BR
Red	RD
Blue	BLU
Light Pink**	LP
Yellow**	Y
Flesh**	FL
Silver**	SILV
Copper**	COP
Bronze**	BRO
Gold**	GLD
Fluorescent Green	GRF
Fluorescent Orange	ORF
Fluorescent Yellow	YF
Fluorescent Magenta	MAGF



ELM Kit Part Numbers (enter color abbreviation for XXX)	
ELM-UE-XXX	Upper Extremitary ELM Kit: 1 sheet 70 shore and items 7, 8, 9, and 14 below
ELM-S-XXX	Small ELM Kit: 1 sheet 70 shore and 1 sheet 30 shore silicone and items 2-12 below
ELM-L-XXX	Large ELM Kit: 2 sheets 70 shore and 1 sheet 30 shore silicone and items 2-12 below

**Indicates special order colors

Individual ELM Kit Part Numbers



Image	P/N	Description
①	D-SP-CAL30-STNG-XXX	30 shore silicone - color
①	D-SP-CAL70-STNG-XXX	70 shore silicone - color
②	D-CO-ECHO-050ML	Ultrasound Gel - 50 ml
③	D-SC-S13-BL50	Silicone cartridge - 50 ml
④	D-CO-GLUE-C3	Acetox glue in tube CAF3 - 50 ml tube
⑤	D-SC-RTV45-B0.25	RTV Silicone Paste - 25g
⑥	D-SC-RTV45-C0.25	RTV Silicone Paste catalyzer - 25g
⑦	D-CO-SNY-B1	Finishing Tubular stocking roll 6 cm width
⑧	D-CO-GRID-10X10	Grid - for valve 10 cm x 10 cm
⑨	D-CO-PAPV-320 D-CO-PAPV-600 D-CO-PAPV-800	3M Grippy Sanding cloth - 320 - 1 sheet 3M Grippy Sanding cloth - 600 - 1 sheet 3M Grippy Sanding cloth - 800 - 1 sheet
⑩	D-CO-PRIM-0.30ML	Silicone Primer - 30 ml
⑪	D-CA-KITRESINE-500	Epoxy kit 500g Resin, 175g hardener
⑫	D-CO-SWSK-10ML	Sweet skin - 10 ml
⑬	D-CO-INESS-GRID-20X40	INESS Grid Reinforcement for window 20 cm x 40 cm
⑭	D-CO-LOT4X4-10	10 ea: protect 4x4 screws, 4x5 base, 4x4 button head screws



ELM Toolkit

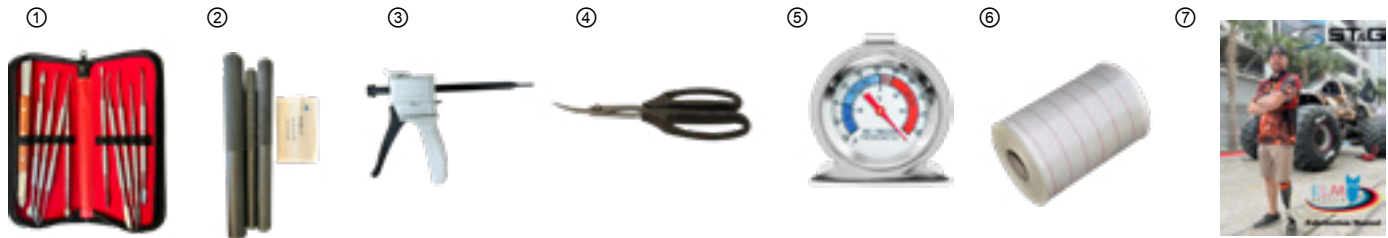


Image	P/N	Description
1	D-TO-SET-SC	Steel Sculpture Tool Set
2	D-TO-ROLL-3	Set of 3 Rollers
3	D-TO-GUN-M75	Manual Gun 50ML and 75ML
4	D-TO-SCISSORS-CURVE	Curved Scissors
5	D-TO-THERMOMETER	Thermometer for Freezer
6	D-CO-TFLBL-10	Teflon - 10 cm x 10 m
7	ELM-FAB-MANUAL	ELM Fabrication Manual

Accessories:



E43 is a stronger glue that can be used for maximum adhesion and silicone repair when needed.
Cartridge size: 310 ml

The larger 75 ml RTV cartridge is used in the same way as the 50 ml cartridge when extra RTV is needed.

Solvent is used to clean the air brush or paint sprayer after sweet skin has been applied.

3M Gripply Sanding cloth can be purchased in bulk. Each box contains one roll with 20 sheets.

Solvent should be stored in a flame-retardant cabinet

Image	P/N	Description
①	D-CO-GLUE-E43	Acetox Glue (310ML)
②	D-SC-S13-BL75	Silicone Cartridge - 75 ml
③	D-CO-SOLV-0.5	Solvent 50 ml
④	D-CO-PAPV-P320-Roll	Gripply Sanding
⑤	D-CO-PAPV-P600-Roll	Gripply Sanding
⑥	D-CO-PAPV-P800-Roll	Gripply Sanding





4011 NSP™

NSP™ - DYNAMIC STIFFNESS WITH 10X THE IMPACT RESISTANCE



NSP™ is a unique fiber that is lighter, stronger, offers ½ the stiffness and 10X the impact resistance than carbon. The stiffness can be regulated by fiber orientation to be equal to carbon. NSP™ can be stiff or flexible depending upon practitioner preference. NSP™ wets out fast because of its high fiber interface and low void content. Translated the resin sticks and air does not get trapped easily.

NSP™ does not create any flying fibers and therefore it ELIMINATES THE ITCH factor which all practitioners and technicians love.

- Provides great fatigue strength for the socket
- Tested in socket form under ISO guidelines for patients up to 500 lbs
- Available in 3, 4, 5, 6, 8 and 10 inch width and 10 and 50 feet length

Result: strong socket that is lighter and more cost effective than carbon fiber socket



We strongly recommend the use of epoxy resins to achieve the best results for strength.

P/N	NSP™
4011-3.10	NSP™ Braid, 3 in x 10 ft
4011-3.50	NSP™ Braid, 3 in x 50 ft
4011-4.10	NSP™ Braid, 4 in x 10 ft
4011-4.50	NSP™ Braid, 4 in x 50 ft
4011-5.10	NSP™ Braid, 5 in x 10 ft
4011-5.50	NSP™ Braid, 5 in x 50 ft
4011-6.10	NSP™ Braid, 6 in x 10 ft
4011-6.50	NSP™ Braid, 6 in x 50 ft
4011-8.10	NSP™ Braid, 8 in x 10 ft
4011-8.50	NSP™ Braid, 8 in x 50 ft
4011-10.10	NSP™ Braid, 10 in x 10 ft
4011-10.50	NSP™ Braid, 10 in x 50 ft
4011-12.10	NSP™ Braid, 12 in x 10 ft
4011-12.50	NSP™ Braid, 12 in x 50 ft