

» 3D-Lite™

Low Temperature Thermoplastic

Supplier:

Allard Inc.

Features & Benefits:

- Unique stretch in one direction
- Aerated for breathability and patient comfort
- Once softened, material is easy to cut with standard scissors
- Extremely strong and lightweight
- Compatible with X-Lite®
- Translucent to X-Ray
- Environmentally friendly — non-toxic and biodegradable
- Easy to use and can be applied directly onto patient's body or cast
- Material can be heated in water or oven
- Cut-4-Custom pieces are separate and interchangeable, for specific patient needs
- Washable covers available for Cut-4-Custom to provide an attractive, soft interface between brace and skin

Specifications:

- Materials: *Coated polyester web (Polycaprolactone)*
- Heating temperature: *70°C (160°F)*
- Heating time: *Standard= 2 minutes*
Cut-4-Custom= 5 minutes
- Molding time: *2–3 minutes*
- Cooling time: *4–15 minutes*
- Full set time (load bearing): *10–20 minutes*
- Thicknesses: *Standard= 3mm (3/16"), 5mm (3/8") and 7mm (1/4")*
- Storage: Temperatures not exceeding 60°C (140°F)

Indications:

- Custom bracing

Contraindications:

- Extreme weight bearing applications
- Any prolonged exposure to temperatures exceeding 60°C (140°F)

Call Points:

- Orthotist
- Orthotic Technician
- Occupational Therapist

Warranty:

- Against manufacturer defects



See Materials Catalog 2007/08, #90 (page 62)



3D-Lite Cut-4-Custom
for LSO's and TLSO's

3D Lite™ » Allard Inc.

Item No.	Description	Size	Color
AL-473B1	Low temperature moldable thermoplastic	3mm x 600mm x 600mm (1/8" x 24" x 24")	Beige
AL-474B1	Low temperature moldable thermoplastic	3mm x 600mm x 900mm (1/8" x 24" x 36")	Beige
AL-475B1	Low temperature moldable thermoplastic	5mm x 600mm x 600mm (3/16" x 24" x 24")	Beige
AL-476B1	Low temperature moldable thermoplastic	5mm x 600mm x 900mm (3/16" x 24" x 36")	Beige
AL-470B1	Low temperature moldable thermoplastic	7mm x 600mm x 600mm (1/4" x 24" x 24")	Beige
AL-471B1	Low temperature moldable thermoplastic	7mm x 600mm x 900mm (1/4" x 24" x 36")	Beige

3D-Lite™ Cut-4-Custom — LSO and LSO+

AL-649190011	Pre-cut low temperature thermoplastic — LSO front	LSO X-Small / Small	Beige
AL-649190012	Pre-cut low temperature thermoplastic — LSO front	LSO Small / Medium	Beige
AL-649190013	Pre-cut low temperature thermoplastic — LSO front	LSO Medium / Large	Beige
AL-649190014	Pre-cut low temperature thermoplastic — LSO front	LSO Large / X-Large	Beige
AL-649190015	Pre-cut low temperature thermoplastic — LSO front	LSO X-Large / XX-Large	Beige
AL-649200011	Pre-cut low temperature thermoplastic — LSO front	LSO+ X-Small / Small	Beige
AL-649200012	Pre-cut low temperature thermoplastic — LSO front	LSO+ Small / Medium	Beige
AL-649200013	Pre-cut low temperature thermoplastic — LSO front	LSO+ Medium / Large	Beige
AL-649200014	Pre-cut low temperature thermoplastic — LSO front	LSO+ Large / X-Large	Beige
AL-649200015	Pre-cut low temperature thermoplastic — LSO front	LSO+ X-Large / XX-Large	Beige
AL-649210011	Pre-cut low temperature thermoplastic — LSO back	X-Small / Small	Beige
AL-649210012	Pre-cut low temperature thermoplastic — LSO back	Small / Medium	Beige
AL-649210013	Pre-cut low temperature thermoplastic — LSO back	Medium / Large	Beige
AL-649210014	Pre-cut low temperature thermoplastic — LSO back	Large / X-Large	Beige
AL-649210015	Pre-cut low temperature thermoplastic — LSO back	X-Large / XX-Large	Beige

3D-Lite™ Cut-4-Custom — TLSO

AL-649220010	Pre-cut low temperature thermoplastic — TLSO front	Small / Medium	Beige
AL-649220012	Pre-cut low temperature thermoplastic — TLSO front	Medium / Large	Beige
AL-649220014	Pre-cut low temperature thermoplastic — TLSO front	X-Large / XX-Large	Beige
AL-649230010	Pre-cut low temperature thermoplastic — TLSO back	Small / Medium	Beige
AL-649230012	Pre-cut low temperature thermoplastic — TLSO back	Medium / Large	Beige
AL-649230014	Pre-cut low temperature thermoplastic — TLSO back	X-Large / XX-Large	Beige

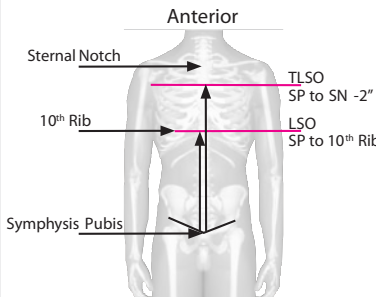
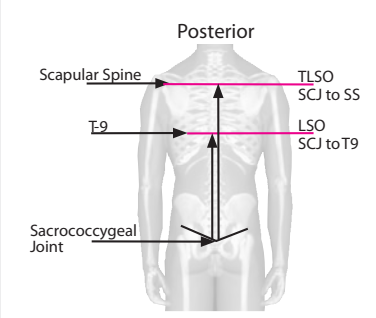
3D-Lite™ Cut-4-Custom — TLSO+

AL-649240010	Pre-cut low temperature thermoplastic — TLSO front	Small / Medium	Beige
AL-649240012	Pre-cut low temperature thermoplastic — TLSO front	Medium / Large	Beige
AL-649240014	Pre-cut low temperature thermoplastic — TLSO front	X-Large / XX-Large	Beige
AL-649250010	Pre-cut low temperature thermoplastic — TLSO back	Small / Medium	Beige
AL-649250012	Pre-cut low temperature thermoplastic — TLSO back	Medium / Large	Beige
AL-649250014	Pre-cut low temperature thermoplastic — TLSO back	X-Large / XX-Large	Beige

3D Lite™ » Accessories

Item No.	Description	Size	Color
AL-591W1	3D-Safe™ foam edging self adhesive	3mm x 40mm x 10m (1/8" x 1 1/2" x 33')	White
AL-550W5	X-Lite® TFS hook (5 strips/pack)	5cm x 50cm (2" x 20")	—
Lining for Cut-4-Custom LSO Front			
AL-649290011	Lining for 3D-Lite™ Cut-4-Custom pieces	X-Small / Small	White
AL-649290012	Lining for 3D-Lite™ Cut-4-Custom pieces	Small / Medium	White
AL-649290013	Lining for 3D-Lite™ Cut-4-Custom pieces	Medium / Large	White
AL-649290014	Lining for 3D-Lite™ Cut-4-Custom pieces	Large / X-Large	White
AL-649290015	Lining for 3D-Lite™ Cut-4-Custom pieces	X-Large / XX-Large	White
Lining for Cut-4-Custom LSO+ Front			
AL-649300011	Lining for 3D-Lite™ Cut-4-Custom pieces	X-Small / Small	White
AL-649300012	Lining for 3D-Lite™ Cut-4-Custom pieces	Small / Medium	White
AL-649300013	Lining for 3D-Lite™ Cut-4-Custom pieces	Medium / Large	White
AL-649300014	Lining for 3D-Lite™ Cut-4-Custom pieces	Large / X-Large	White
AL-649300015	Lining for 3D-Lite™ Cut-4-Custom pieces	X-Large / XX-Large	White
Lining for Cut-4-Custom LSO Back			
AL-649310011	Lining for 3D-Lite™ Cut-4-Custom pieces	X-Small / Small	White
AL-649310012	Lining for 3D-Lite™ Cut-4-Custom pieces	Small / Medium	White
AL-649310013	Lining for 3D-Lite™ Cut-4-Custom pieces	Medium / Large	White
AL-649310014	Lining for 3D-Lite™ Cut-4-Custom pieces	Large / X-Large	White
AL-649310015	Lining for 3D-Lite™ Cut-4-Custom pieces	X-Large / XX-Large	White
Lining for Cut-4-Custom TLSO Front			
AL-649320010	Lining for 3D-Lite™ Cut-4-Custom pieces	X-Small / Small	White
AL-649320012	Lining for 3D-Lite™ Cut-4-Custom pieces	Medium / Large	White
AL-649320014	Lining for 3D-Lite™ Cut-4-Custom pieces	X-Large / XX-Large	White
Lining for Cut-4-Custom TLSO Back			
AL-649330010	Lining for 3D-Lite™ Cut-4-Custom pieces	X-Small / Small	White
AL-649330012	Lining for 3D-Lite™ Cut-4-Custom pieces	Medium / Large	White
AL-649330014	Lining for 3D-Lite™ Cut-4-Custom pieces	X-Large / XX-Large	White
Lining for Cut-4-Custom TLSO+ Front			
AL-649340010	Lining for 3D-Lite™ Cut-4-Custom pieces	X-Small / Small	White
AL-649340012	Lining for 3D-Lite™ Cut-4-Custom pieces	Medium / Large	White
AL-649340014	Lining for 3D-Lite™ Cut-4-Custom pieces	X-Large / XX-Large	White
Lining for Cut-4-Custom TLSO+ Back			
AL-649350010	Lining for 3D-Lite™ Cut-4-Custom pieces	X-Small / Small	White
AL-649350012	Lining for 3D-Lite™ Cut-4-Custom pieces	Medium / Large	White
AL-649350014	Lining for 3D-Lite™ Cut-4-Custom pieces	X-Large / XX-Large	White
Silicone Edging for Cut-4-Custom			
AL-649360000	Silicone edging for 3D-Lite™ Cut-4-Custom pieces	5mm x 10m (1/8" x 11 yards)	—
AL-649370000	Silicone edging for 3D-Lite™ Cut-4-Custom pieces	7mm x 10m (1/4" x 11 yards)	—

3D Lite™ » Cut-4-Custom Sizing

Anterior	Sizing Diagram	Sizes	Thickness		Circumference		Max. Height (Front)	Max. Height (Back)
			Front	Back	Minimum	Maximum		
		LSO Sizes						
		X-Small / Small	5mm (3/16")	5mm (3/16")	59.7cm (23 1/2")	73.7cm (29 1/2")	19.7cm (7 3/4")	29.8cm (11 3/4")
		Small / Medium	5mm (3/16")	5mm (3/16")	69.9cm (27 1/2")	90.2cm (35 1/2")	19.7cm (7 3/4")	31.8cm (12 1/2")
		Medium / Large	7mm (1/4")	7mm (1/4")	85.1cm (33 1/2")	104.8cm (41 1/4")	21.6cm (8 1/2")	33.7cm (13 3/4")
		Large / X-Large	7mm (1/4")	7mm (1/4")	95.3cm (37 1/2")	120cm (47 1/4")	24.1cm (9 1/2")	35cm (13 3/4")
		X-Large / XX-Large	7mm (1/4")	7mm (1/4")	115.6cm (45 1/2")	139.7cm (55")	26.7cm (10 1/2")	36.2cm (14 1/4")
		LSO+ Sizes						
		X-Small / Small	5mm (3/16")	5mm (3/16")	59.7cm (23 1/2")	73.7cm (29 1/2")	29.8cm (11 3/4")	29.8cm (11 3/4")
		Small / Medium	5mm (3/16")	5mm (3/16")	69.9cm (27 1/2")	90.2cm (35 1/2")	31.8cm (12 1/2")	31.8cm (12 1/2")
		Medium / Large	7mm (1/4")	7mm (1/4")	85.1cm (33 1/2")	104.8cm (41 1/4")	33.7cm (13 3/4")	33.7cm (13 3/4")
		Large / X-Large	7mm (1/4")	7mm (1/4")	95.3cm (37 1/2")	120cm (47 1/4")	35cm (13 3/4")	35cm (13 3/4")
		X-Large / XX-Large	7mm (1/4")	7mm (1/4")	115.6cm (45 1/2")	139.7cm (55")	36.2cm (14 1/4")	36.2cm (14 1/4")
		TLSO Sizes						
		Small / Medium	5mm (3/16")	5mm (3/16")	69.9cm (27 1/2")	90.2cm (35 1/2")	42cm (16 1/2")	42cm (16 1/2")
		Medium / Large	5mm (3/16")	7mm (1/4")	85.1cm (33 1/2")	110cm (43 1/4")	47.6cm (18 3/4")	47.6cm (18 3/4")
		X-Large / XX-Large	7mm (1/4")	7mm (1/4")	104.8cm (41 1/4")	139.7cm (55")	54.6cm (21 1/2")	54.6cm (21 1/2")
		TLSO+ Sizes						
		Small / Medium	5mm (1/4")	5mm (1/4")	69.9cm (27 1/2")	90.2cm (35 1/2")	47cm (18 1/2")	47cm (18 1/2")
		Medium / Large	7mm (1/4")	5mm (1/4")	85.1cm (33 1/2")	110cm (43 1/4")	54.6cm (21 1/2")	54.6cm (21 1/2")
		X-Large / XX-Large	7mm (1/4")	7mm (1/4")	104.8cm (41 1/4")	139.7cm (55")	59.7cm (23 1/2")	59.7cm (23 1/2")
								

Note: When sizing, please make sure of the following:

- Start by measuring the waist circumference
- Take vertical measurements required to meet prescription criteria

Important: When applying the pre-cuts, it is important to wrap the material, using either elastic wrap or a hospital abdominal binder. Start with back section and when it has cooled, continue with the front. Wrapping is needed to assure the material fits the body contours and holds the pre-cut in position until it hardens.