WILLOWWOOD®

Alpha Control®

Liner System

Product Highlights

- Improves user control and allows 11% greater elbow range of motion

- Eliminates the complex process of electrode placement

- Improves signal consistency by minimizing electrode lift off

- Improved socket comfort and easier donning & doffing for patients

- Eases fabrication process

- For use with Coapt Gen2 Complete Control System

The Alpha Control Liner System is the next generation interface solution for use with pattern recognition. Embedded electrodes and leads in a gel-covered locking liner simplify the process of connecting to the Coapt Gen2 Complete Control System. The liner is available in three sizes (Extra Small, Small and Medium), with nine potential configurations for lead length – ranging from 6 cm to 22 cm (in 2 cm increments) – enabling simplified myo-site selection and accommodate the vast majority of residual limb sizes.

By enabling consistent signal capture (through elimination of electrode lift-off), the system delivers a hassle-free user experience – enabling users to expand their range of activities while ensuring superior intuitive control and comfort.

The system is easier to don and doff in comparison with standard skin fit interface methods – leading to higher user satisfaction with their prosthetic device.

The Alpha Control Liner System was developed in collaboration with Coapt and Shirley Ryan AbilityLab and is designed for the external prosthetic fittings of upper limbs and functions exclusively with the Coapt Gen2 Complete Control System.

WillowWood now offers Alpha Control Fitting Liners - an assessment tool that aids in selecting the appropriate Alpha Control Liner SKU. It is intended that the Coapt Gen2 Pattern Recognition Evaluation Kit be used for myo-site selection prior to using the fitting liner. The fitting liner serves as a visual guide that allows practitioners to correlate the optimal locations for electrode placement and therefore the appropriate lead-length for the final Alpha Control Liner. Alpha Control Fitting Liners are available in 3 sizes (XS, S, M) similar to the Control Liner - each size is purchased individually. See below for fitting liner part numbers. Please note that WillowWood does not recommend casting over fitting liners as electrode volume is not accounted for.
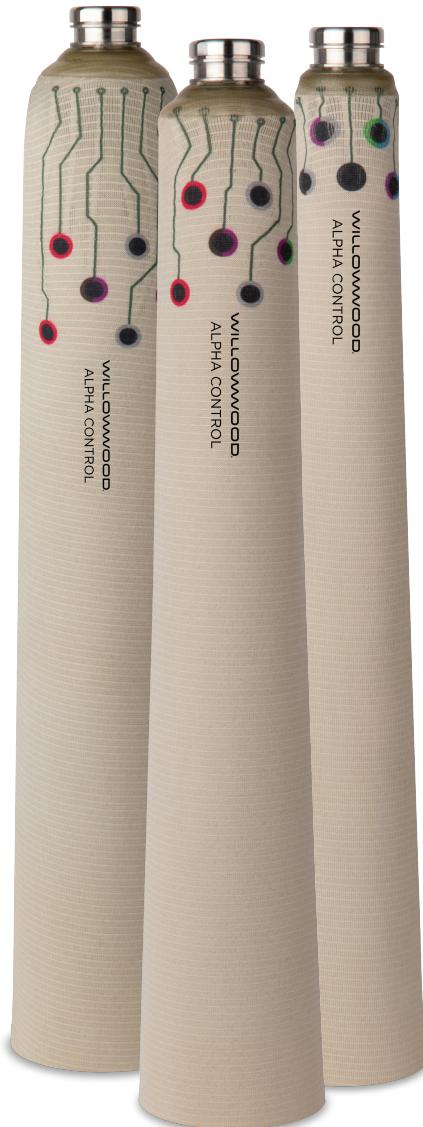
✔ Transradial   ✔ Transhumeral

L-Code Suggestion: L7499

Liner Sizing:

Proximal Measurement
Measured 30 cm (12 in) from the distal end

	17 - 34 cm (6.75 - 13.5 in)	20 - 43 cm (8 - 17 in)	24 - 54 cm (9.5 - 21.25 in)
	XS	S	M

30 cm (12 in)

4 cm (1.5 in)

Extra Small	Small	Medium
12 - 18 cm (4.75 - 7 in)	15.5 - 24 cm (6 - 9.5 in)	20 - 30 cm (8 - 12 in)

Distal Measurement
Measured 4 cm (1.5 in) from the distal end
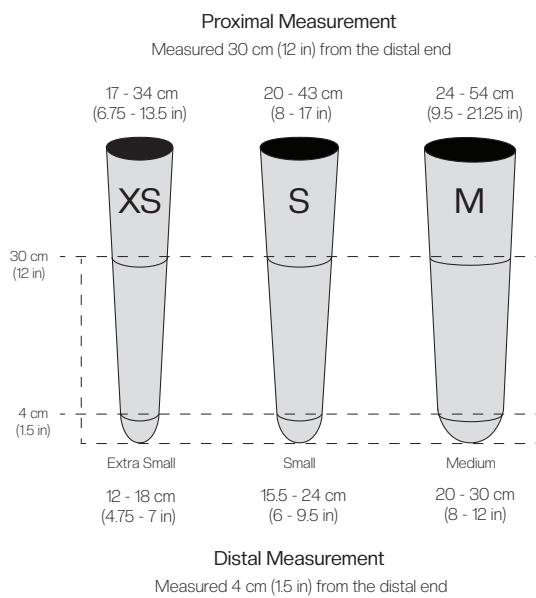
Alpha Control System Part Numbers:

Leads	Extra Small	Small	Medium
6 cm	ACLS-049-X06	ACLS-049-S06	ACLS-049-M06
8 cm	ACLS-049-X08	ACLS-049-S08	ACLS-049-M08
10 cm	ACLS-049-X10	ACLS-049-S10	ACLS-049-M10
12 cm	ACLS-049-X12	ACLS-049-S12	ACLS-049-M12
14 cm	ACLS-049-X14	ACLS-049-S14	ACLS-049-M14
16 cm	ACLS-049-X16	ACLS-049-S16	ACLS-049-M16
18 cm	ACLS-049-X18	ACLS-049-S18	ACLS-049-M18
20 cm	ACLS-049-X20	ACLS-049-S20	ACLS-049-M20
22 cm	ACLS-049-X22	ACLS-049-S22	ACLS-049-M22

*Liner is only available in a 3 mm uniform profile

Alpha Control Liner Part Numbers:

| Leads	Extra Small	Small	Medium
6 cm	ACL-049-X06	ACL-049-S06	ACL-049-M06
8 cm	ACL-049-X08	ACL-049-S08	ACL-049-M08
10 cm	ACL-049-X10	ACL-049-S10	ACL-049-M10
12 cm	ACL-049-X12	ACL-049-S12	ACL-049-M12
14 cm	ACL-049-X14	ACL-049-S14	ACL-049-M14
16 cm	ACL-049-X16	ACL-049-S16	ACL-049-M16
18 cm	ACL-049-X18	ACL-049-S18	ACL-049-M18
20 cm	ACL-049-X20	ACL-049-S20	ACL-049-M20
22 cm	ACL-049-X22	ACL-049-S22	ACL-049-M22

*The Replacement Liner comes with embedded electrodes

Alpha Control Liner Accessory Part Numbers:

Part Number	Description
ACL-300	Alpha Control Liner Electrode Pack of 13
ACL-301	Alpha Control Liner Lock (with Button)
ACL-302	Alpha Control Module
ACL-303	Alpha Control Liner Cap
ACL-304	Alpha Control Liner Fabrication Dummy Kit
ACL-305	Alpha Control Lock Button (Replacement)

Alpha Control Fitting Liner Part Numbers:

Part Number	Description
ACL-049-XF	Alpha Control Fitting Liner, Extra Small
ACL-049-SF	Alpha Control Fitting Liner, Small
ACL-049-MF	Alpha Control Fitting Liner, Medium

What's Included in the Alpha Control Liner System

Alpha Control Liner	Module
Fiber Optic Cable and LED Cap	Lock
Electrodes	Lock Dummy