

## **Ultralign® Spinal Orthosis**

**Vendor:**

DeRoyal® Industries Inc.

**Applications:**

- Spinal Orthosis

**Patient Benefits:**

- Safe
- Hygienic
- Easy application
- Snug fit

**Practitioner Benefits:**

**Features:**

- Dual static closure system allows for proper biomechanical operation
- Inner liner of non-allergenic foam (Orthowick™) wicks moisture away from the body protecting skin against breakdown
- Soft, breathable fabric allows for cooler, lighter fit
- Available in tapered and non-tapered versions
- Kydex plastic inserts

**Specifications:**

- LSO design available in 0°, 15° and 25° lordosis
- TLSO design available in 15°, 25° and 35° lordosis

**Indications:**

- Indications for LSO Level L1 – L5 (25° lordosis): Post operative lumbar fusion, laminectomy or discectomy
- Indications for LSO Level L1 – L5 (0° lordosis): Lumbar compression fractures, Degenerative disc disease, Spondylolisthesis, Spondylolysis, Spinal Stenosis and Facet Syndrome
- Indications for TLSO Level T6 – L5 (25° lordosis): Post-operative Thoracic/Lumbar Fusion, Laminectomy or discectomy
- Indications for TLSO Level T6 – L5 (35° lordosis): Compression Fractures, Degenerative Disc Disease, Osteoporosis, Single Column Instability Immobilization, Facet Syndrome, chronic low back pain and Herniated disc

**Contraindications:**

**Call Points:**

- Orthopedic surgeons
- Orthotist

**Warranty:**

- Against manufacturer defects



	Non-Tapered LSO/TLSO			Tapered LSO/TLSO		
	Xyphoid (1)	Waist (2)	Trochanter (3)	Xyphoid (1)	Waist (2)	Trochanter (3)
Small	31" - 35"	31" - 35"	31" - 35"	25" - 31"	25" - 31"	27" - 33"
Medium	34" - 38"	32" - 38"	34" - 39"	28" - 35"	29" - 36"	32" - 38"
Large	37" - 41"	35" - 41"	38" - 42"	32" - 38"	32" - 38"	35" - 41"
X-Large	38" - 45"	38" - 45"	38" - 45"	35" - 42"	36" - 42"	38" - 46"
XX-Large	45" - 53"	45" - 53"	45" - 53"	40" - 46"	39" - 47"	43" - 49"

Size determined: (1) 1" below top of breast bone  
 (2) Around navel or waist  
 (3) Around fullest area of trochanter or hips

**DeRoyal ULTRAlign® Orthosis Order Chart**

Lordosis	Non-Tapered LSO			Non-Tapered TLSO		
	0°	15°	25°	15°	25°	35°
Small	CAR-UL1330-0	CAR-UL1330-15	CAR-UL1330-25	CAR-UT1333-15	CAR-UT1333-25	CAR-UT1333-35
Medium	CAR-UL1430-0	CAR-UL1430-15	CAR-UL1430-25	CAR-UT1433-15	CAR-UT1433-25	CAR-UT1433-35
Large	CAR-UL1530-0	CAR-UL1530-15	CAR-UL1530-25	CAR-UT1533-15	CAR-UT1533-25	CAR-UT1533-35
X-Large	CAR-UL1630-0	CAR-UL1630-15	CAR-UL1630-25	CAR-UT1633-15	CAR-UT1633-25	CAR-UT1633-35
XX-Large	CAR-UL1730-0	CAR-UL1730-15	CAR-UL1730-25	CAR-UT1733-15	CAR-UT1733-25	CAR-UT1733-35

Lordosis	Tapered LSO			Tapered TLSO		
	0°	15°	25°	15°	25°	35°
Small	CAR-UL2330-0	CAR-UL2330-15	CAR-UL2330-25	CAR-UT2333-15	CAR-UT2333-25	CAR-UT2333-35
Medium	CAR-UL2430-0	CAR-UL2430-15	CAR-UL2430-25	CAR-UT2433-15	CAR-UT2433-25	CAR-UT2433-35
Large	CAR-UL2530-0	CAR-UL2530-15	CAR-UL2530-25	CAR-UT2533-15	CAR-UT2533-25	CAR-UT2533-35
X-Large	CAR-UL2630-0	CAR-UL2630-15	CAR-UL2630-25	CAR-UT2633-15	CAR-UT2633-25	CAR-UT2633-35
XX-Large	CAR-UL2730-0	CAR-UL2730-15	CAR-UL2730-25	CAR-UT2733-15	CAR-UT2733-25	CAR-UT2733-35

**DeRoyal ULTRAlign® Orthosis Accessories**

Item Number	Description
CAR-UDLE	Dorsal Lumbar Extension
CAR-USPK	Sternal Pad with Posterior Thoracic Extension
CAR-UEP2031	Extension Panels 3 1/2"
CAR-UEP2051	Extension Panels 5 1/2"