

Slings & Accessories



PASSIVE / CEILING SLINGS



ACTIVE SLINGS



SPREADER BAR AND CRADLES



ACCESSORIES

ABOUT HOYER® SLINGS

About Hoyer Slings

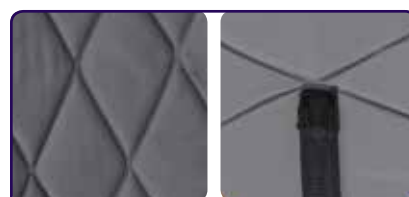
Hoyer has been designing and manufacturing slings, the all-important patient interface, for over 70 years. There is a Hoyer sling to meet every need. Fabric options are available, as well as specialty slings for hygiene, toileting, repositioning, turning, and gait training. Hoyer slings have many common attributes, which make them easier to train and easier to use.



COLOR CODED FOR SIZING with binding that provides clear recognized size information at a glance.



LABEL PROVIDES essential information about the sling including a unique serial number for traceability when completing inspection and audit records.



PADDING provides additional comfort and support to delicate areas and our webbing straps have covered ends to protect the patient's skin.



COLORLED LOOP STRAPS provide adjustment and the correct positioning angle for the 6-point spreader bar system.



POSITIONING HANDLES on our slings are carefully positioned to offer ease of handling.



DIGNITY STRAPS top the patient's legs from splaying while transferring, to maintain dignity.



CENTERLINE MARKERS aid the caregiver in the correct positioning of the sling, especially when inserting the sling before an off the bed or floor transfer.

IMPORTANT Remember to check the safe working load of the lift prior to lifting a patient as it may differ from that of the sling.

ABOUT HOYER® SLINGS

Sling Sizing

Hoyer slings are available in a range of sizes to accommodate variety in height, shape and weight of patients. Hoyer uses a simple color-coding system that ensures the size of your sling is instantly recognizable. The outer-edge binding of the sling is color coded-as shown. Hoyer's bariatric slings use a striped system to help differentiate from the standard range.



Size	Color	Recommended Weight Range									
		35 lb 15.9 kg	75 lb 34 kg	100 lb 45.4 kg	125 lb 56.7 kg	150 lb 68 kg	175 lb 79.4 kg	200 lb 90.7 kg	275 lb 124.7 kg	350 lb 158.8 kg	500 lb 227 kg
X Small	Brown										
Small	Red										
Medium	Yellow										
Large	Green										
X Large	Blue										

Hoyer Bariatric Slings

All Hoyer bariatric slings are rated to a safe working load of 850 lb /385 kgs. Due to the varying nature of bariatric patient shapes and sizes, it becomes increasingly difficult to provide a guide on sling size based on weight alone. Patients should be individually assessed to ascertain the correct size sling.

Size	Color	Color Example
M	Yellow with White Stripes	
L	Green with White Stripes	
XL	Red with White Stripes	
XXL	Yellow with White Stripes	
3XL	Green with White Stripes	
4XL	Blue with White Stripes	
5XL	Black with White Stripes	

IMPORTANT It is very important to use the correct sized sling and ensure it is properly fitted before attempting to lift. This will ensure the person being lifted feels safe, dignified and comfortable. It will also provide caregivers with confidence that they can achieve the transfer required and that the procedure will be executed in an effective and safe manner.



Hoyer slings can be customized outside of their standard specification to include adjustments to sizing. Should a standard sling size be deemed unsuitable, we can create a tailored sling to meet patient specific requirements. Contact Joerns Healthcare for more information.

ABOUT HOYER® SLINGS

Material Options



POLYESTER DISPOSABLE available on select models

- Developed for single patient use which helps reduce the risks of cross infection
- In order to maintain their integrity, these slings must not be laundered or exposed to water



POLYESTER / PADDED

- Strong, hard-wearing material is a consistent standard for Hoyer slings over the years
- Available in medium gray with selected sling models offered in alternative colors
- Padded option provides additional comfort and support to delicate areas



POLYESTER NET

- Quick drainage and drying properties are ideally suited to bathing and/or swimming pool environments
- Complementary to the polyester solid
- Net (or mesh) variant is also a common option through the Hoyer sling range



WOVEN SPACER

- Cushioned and breathable 3D woven spacer fabric
- Offers high air permeability and good drainage.
- Two-way stretch characteristics enable material to adapt to contours of the patient for higher levels of comfort and support

ABOUT HOYER® SLINGS

Spreader Bar and Cradle Options

The Hoyer lift range has the option of two sling attachment systems that provide the caregiver greater choice in selecting the most appropriate sling and cradle for a task. The Advance, Presence and Stature can be used with either the 6-point spreader bar or a 4-point positioning cradle. Both systems have their place. More importantly, this allows the caregiver to choose exactly the right sling for the patient and task in question.



6-POINT SPREADER BAR

6-POINT SPREADER BAR

The 6-point spreader bar uses slings with webbing loops that allow positioning adjustments to be made by selecting the different colored loops. The attachment straps at shoulder level determine the position of the back, ranging from upright to reclined. Similarly, the attachment straps at the legs determine the approximate degree of flexion at the hip, from around 90° to 45°.

The position achieved by adjusting the loops will depend upon the height and build of the patient. The rule of thumb is the shorter the shoulder straps, the more upright the patient will be.



4-POINT POSITIONING CRADLE
(powered version shown)

4-POINT POSITIONING CRADLES

The 4-point positioning cradle uses the safety clip system, and adjustment is made by rotating the cradle handle either down or up to obtain an upright or reclined position for the patient. Both manual and powered cradles are available.



INSERT



PULL/LOCK



SECURE



SAFE



BARIATRIC CRADLE

BARIATRIC CRADLE

The Bariatric Cradle is used when a large distance between the back and leg straps is appropriate, primarily for lifting and transferring bariatric patients. The Bariatric Cradle is compatible with the Calibre and HPL700 patient lifts and all Joerns bariatric slings. Additional flexibility is provided when a range of sling straps are used to position the patient in the sling. For example, extension straps can supplement the sling to open the hip angle of the patient still further for safer, more comfortable transfers.

ABOUT HOYER® SLINGS

Sling Selection and Risk Assessment

Selecting a sling for an individual patient involves more than simply measuring their size and deciding what the sling will be used for. To be sure that a sling meets specific requirements and is the most appropriate sling available, many further aspects need to be considered as part of the selection process. Some of these are discussed briefly here.

1

MOBILITY ASSESSMENT

It is necessary to establish a sling's compatibility with the lift or lifting system and the level of independence of the patient.

2

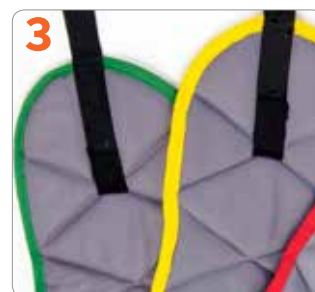
TYPE OF TRANSFER TASK

Determine the type of transfer task(s) that are desired, together with the frequency with which they will occur. This relates closely to the functional requirements of the sling (for example: a sling that is to be used for toileting may require a commode aperture).

3

SLING SUPPORT LEVELS

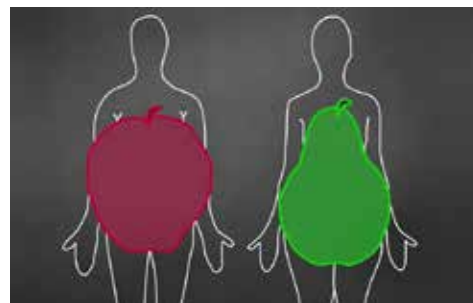
Different types of slings provide different levels of support for the patient being lifted. The support level is determined by the shape and structure of the fabric, with the main body of the sling providing support to the back and head (1) and the leg straps providing support to the thighs, hips and buttocks (2/3).



4

INFORMATION ABOUT THE CAREGIVER(S)

Experience and training of the caregiver(s) must be considered. Some slings are more complicated than others to fit and a caregiver may be reluctant to use a sling if the process of fitting it is too complex. The number of caregivers available to fit the sling as well as the total number of caregivers involved in a patient's care may also be important considerations.



5

INFORMATION ABOUT OTHER EQUIPMENT

Identify any associated equipment that is involved in a transfer, such as seating, beds, trolleys, toilets or therapy equipment to ascertain that the lift and sling will work effectively with these items.

ABOUT HOYER® SLINGS

Matching the Right Sling to the Task (Best Practice Guide)

To simplify the process of sling selection, we have developed a chart to help guide you in the appropriate use of each sling for a given task. There will, of course, be exceptions to this guide and Joerns Healthcare recommends that a full patient risk assessment is carried out prior to any transfer to determine individual requirements.

	SLING MODEL	EXAMPLE PATIENT LIFT	BED TO CHAIR	CHAIR TO CHAIR	COMMODE/ TOILET TRANSFER	BATH/ SHOWER TRANSFER	FLOOR TO BED/ CHAIR	TURNING ASSIST	REHAB/ ASSISTED STANDING
PASSIVE / CEILING	Full Back	Loop	✓	✓	✓	✓ (1)	✓		
	Access	Loop	✓	✓	✓				
	Access with Head Support	Loop	✓	✓	✓				
	Quickfit	Loop	✓	✓	✓	✓ (1)	✓ (2)		
	Quickfit Deluxe	Loop	✓	✓	✓	✓ (1)	✓ (2)		
	Long Seat	Loop	✓	✓	✓	✓ (1)	✓	✓	
	Long Seat with Commode (a)	Loop	✓	✓	✓	✓ (1)		✓	
	Hammock	Loop	✓	✓			✓	✓	
	U sling	Loop Classic	✓	✓	✓	✓ (1)	✓ (2)		
	U sling with Head Support (a)	Loop Classic	✓	✓	✓	✓ (1)	✓		
	One Piece	Loop Classic	✓	✓	✓		✓		
	One Piece with Commode (a)	Loop Classic	✓	✓	✓		✓ (2)		
	Repositioning	Loop	✓	✓	✓	✓ (1)	✓ (2)	✓	
	Twin Turner	Loop						✓	
	Limb	Loop							✓
	Standing Harness	Loop							✓
	Comfort	Clip	✓	✓	✓	✓ (1)	✓		
	Comfort Access (a)	Clip	✓	✓	✓				
	Comfort Access Head Support	Clip	✓	✓	✓				
	Comfort Amputee	Clip	✓	✓	✓		✓	✓	
ACTIVE	Deluxe Stand-Aid	Loop Stand-Aid	✓	✓	✓				✓
	Deluxe Transport	Loop Stand-Aid	✓	✓	✓				✓
	Stand-Aid Clip (a)	Clip Stand-Aid	✓	✓	✓				✓
	Patient Handling Belt	Clip Switch	✓	✓	✓				✓

(a) Note added to sister sling

(1) Net version recommended

(2) Head support recommended

HOYER® SLINGS

Full Back Sling


SAFE WORKING LOAD:

500 lb / 227 kg


DEPENDENCY:

 Complete Dependence
FIM 1-2

ATTACHMENT:

 Loops
6-Point Spreader Bar

MATERIAL OPTIONS:

 Padded Disposable
Mesh

This is a more specialized sling. It incorporates integral boned head support and padded leg pieces. Fitted correctly, this sling will give full protection for patients who go into extension, have involuntary movements or behavioral problems.

AREA	X SMALL (inch/mm)	SMALL (inch/mm)	MEDIUM (inch/mm)	LARGE (inch/mm)	X LARGE (inch/mm)
A	31.9 / 810	38.6 / 980	45.5 / 1180	53.5 / 1360	66.5 / 1690
B	20.5 / 520	20.9 / 530	25.2 / 640	28.3 / 720	30 / 890
C	40.6 / 1030	41.7 / 1060	46.9 / 1190	52.8 / 1340	64.2 / 1630
D	13 / 330	14.6 / 370	16.5 / 420	17.3 / 440	17.7 / 450



Access Padded Sling


SAFE WORKING LOAD:

500 lb / 227 kg


DEPENDENCY:

 Complete Dependence
FIM 1-2

ATTACHMENT:

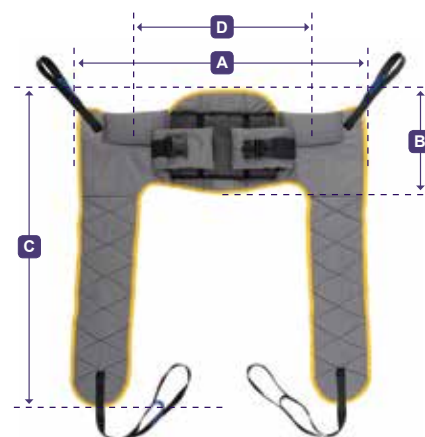
 Loops
6-Point Spreader Bar

MATERIAL OPTIONS:

Padded

This sling is designed specifically to facilitate the toileting procedure by allowing the removal of clothing. It is NOT a general-purpose sling and will suit only 25% of patients. Patients must be in a sitting position to use this sling.

AREA	X SMALL (inch/mm)	SMALL (inch/mm)	MEDIUM (inch/mm)	LARGE (inch/mm)	X LARGE (inch/mm)
A	23.6 / 600	27.6 / 700	33.5 / 850	41.3 / 1050	51.1 / 1300
B	10.2 / 260	11 / 280	12.2 / 310	13 / 330	15.4 / 390
C	22.4 / 570	26 / 660	35 / 890	39.4 / 1000	44.7 / 1160
D	13.4 / 340	16.4 / 410	20.5 / 520	26.4 / 670	32.3 / 820
Chest Strap Adjustment (maximum length)					
MAX	39.8 / 1010	44.9 / 1140	49.2 / 1250	58.3 / 1480	72.8 / 1850



HOYER® SLINGS

Access Padded Sling with Head Support



SAFE WORKING LOAD:
500 lb / 227 kg



DEPENDENCY:
Complete Dependence
FIM 1-2



ATTACHMENT:
Loops
6-Point Spreader Bar



MATERIAL OPTIONS:
Padded

This sling is designed specifically to facilitate the toileting procedure by allowing the removal of clothing. It is NOT a general-purpose sling and will suit only 25% of patients. Patients must be in a sitting position to use this sling. Fitted with integrated head support for additional comfort.

AREA	X SMALL (inch/mm)	SMALL (inch/mm)	MEDIUM (inch/mm)	LARGE (inch/mm)	X LARGE (inch/mm)
A	23.2 / 590	27.2 / 690	32.7 / 830	41.7 / 1060	49.6 / 1260
B	10.6 / 270	11.8 / 300	12.2 / 310	11 / 280	13.4 / 340
C	46.5 / 1180	53.5 / 1360	61 / 1550	63 / 1600	73.2 / 1860
D	17.3 / 440	19.3 / 490	21.3 / 540	23.2 / 590	26.4 / 670



Quickfit Sling



SAFE WORKING LOAD:
500 lb / 227 kg



DEPENDENCY:
Complete Dependence
FIM 1-2



ATTACHMENT:
Loops
6-Point Spreader Bar



MATERIAL OPTIONS:
Padded
Mesh

This sling is an easy-to-fit, general-purpose sling designed to suit approximately 85% of patients. It is available with head support and can be felt lined for additional comfort.

AREA	X SMALL (inch/mm)	SMALL (inch/mm)	MEDIUM (inch/mm)	LARGE (inch/mm)	X LARGE (inch/mm)
A	Special	28.7 / 730	35.4 / 900	43.7 / 1110	Special
B	Special	22 / 560	24.4 / 620	27.6 / 700	Special
C	Special	44.1 / 1120	47.6 / 1210	55.1 / 1400	Special



HOYER® SLINGS

Quickfit Deluxe Sling



SAFE WORKING LOAD:
500 lb / 227 kg



DEPENDENCY:
Complete Dependence
FIM 1-2



ATTACHMENT:
Loops
6-Point Spreader Bar



MATERIAL OPTIONS:
Padded Polyester
Mesh

The Quickfit Deluxe sling is suitable for 95% of patients. It is available with head support and can be used for amputees following a careful assessment.

AREA	X SMALL (inch/mm)	SMALL (inch/mm)	MEDIUM (inch/mm)	LARGE (inch/mm)	X LARGE (inch/mm)
A	Special	30.3 / 770	35 / 890	40.6 / 1030	Special
B	Special	24.8 / 630	30.3 / 770	33.5 / 850	Special
C	Special	36.2 / 920	44.1 / 1120	46.5 / 1180	Special



Long Seat Sling



SAFE WORKING LOAD:
500 lb / 227 kg



DEPENDENCY:
Complete Dependence
FIM 1-2



ATTACHMENT:
Loops
6-Point Spreader Bar



MATERIAL OPTIONS:
Polyester
Mesh

The Long Seat sling is designed for amputees, but it is also suitable for other patients who have to remain in the sling for an extended period, i.e. during bed making when bathing.

AREA	X SMALL (inch/mm)	SMALL (inch/mm)	MEDIUM (inch/mm)	LARGE (inch/mm)	X LARGE (inch/mm)
A	Special	23.2 / 590	27.1 / 690	28.7 / 730	Special
B	Special	40.2 / 1020	46.1 / 1170	50.4 / 1280	Special



HOYER® SLINGS

Bariatric Hammock Sling



SAFE WORKING LOAD:
850 lb / 385 kg



DEPENDENCY:
Complete Dependence
FIM 1-2



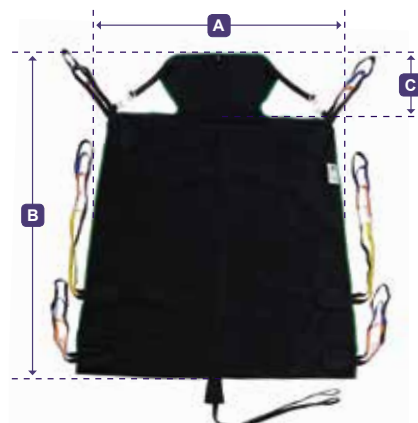
ATTACHMENT:
Loops
6-Point Spreader Bar



MATERIAL OPTIONS:
Spacer

This is a more specialized sling. It incorporates integral boned head support and padded leg pieces. Fitted correctly, this sling will give full protection for patients who go into extension, have involuntary movements or behavioral problems.

AREA	X LARGE (inch/mm)	2X LARGE (inch/mm)	3X LARGE (inch/mm)	4X LARGE (inch/mm)	5X LARGE (inch/mm)
A	39.8 / 1010	44.1 / 1120	50 / 1270	58.3 / 1480	68.9 / 1750
B	64.2 / 1630	64.2 / 1630	64.6 / 1640	64.6 / 1640	63.8 / 1620
C	11.4 / 290	12.2 / 310	12.2 / 310	12.2 / 310	12.2 / 310



U Sling



SAFE WORKING LOAD:
500 lb / 227 kg



DEPENDENCY:
Complete Dependence
FIM 1-2



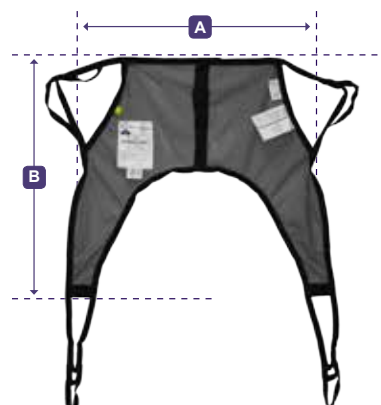
ATTACHMENT:
Loops
6-Point Spreader Bar



MATERIAL OPTIONS:
Padded

The Universal sling is an easy fit general purpose sling designed to suit approximately 85% of patients. It is available with or without head support for additional comfort.

AREA	X SMALL (inch/mm)	SMALL (inch/mm)	MEDIUM (inch/mm)	LARGE (inch/mm)	X LARGE (inch/mm)
A	Special	33.5 / 851	39.5 / 1003	47 / 1194	51 / 1295
B	Special	32 / 813	38 / 965	42 / 1067	61 / 1549



HOYER® SLINGS

One Piece Sling


SAFE WORKING LOAD:

500 lb / 227 kg


DEPENDENCY:

 Complete Dependence
FIM 1-2

ATTACHMENT:

 Loops
6-Point Spreader Bar

MATERIAL OPTIONS:

Polyester

This sling is designed for amputees, but it is also suitable for other patients who have to remain in the sling for an extended period, i.e. during bed making when bathing.

AREA	X SMALL (inch/mm)	SMALL (inch/mm)	MEDIUM (inch/mm)	LARGE (inch/mm)	X LARGE (inch/mm)
A	Special	26 / 813	32 / 660	35.5 / 902	Special
B	Special	32 / 660	38.5 / 978	42.5 / 1080	Special



Limb Sling

The Limb sling is designed to assist with the elevation and support of a patient's arm or leg to facilitate examination, care or treatment of wounds. Available with two separate strap configurations, single loops or multi loops.



Twin Turner Sling

The Twin Turner sling is used to assist in turning or "log rolling" a patient as well as maintaining them in position for purposes of hygiene or other care tasks. It is designed to be easily placed and removed as well as providing more access to the patient to provide skin care.



Repositioning Sling

The Repositioning sling is designed to conveniently re-position, turn or transfer the patient. It is made of breathable, pliable mesh material and is normally placed under the top sheet for comfort.



HOYER® SLINGS

Standing Harness Sling

**SAFE WORKING LOAD:**

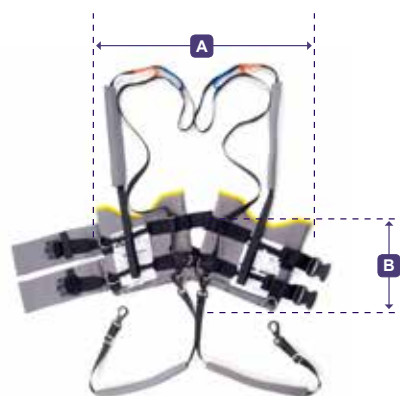
500 lb / 227 kg

**DEPENDENCY:**Complete Dependence
FIM 3-4**ATTACHMENT:**Loops
6-Point Spreader Bar**MATERIAL OPTIONS:**

Polyester

The Standing Harness is a versatile sling used to assist with standing, walking or toileting. The Standing Harness is not a general-purpose sling and requires the patient to be able to partially bear weight.

AREA	X SMALL (inch/mm)	SMALL (inch/mm)	MEDIUM (inch/mm)	LARGE (inch/mm)	X LARGE (inch/mm)
A (min)	11.8 / 300	15.3 / 390	21.2 / 540	34.4 / 875	Special
A (max)	16.1 / 410	23.2 / 590	29.1 / 740	42.3 / 1075	Special
B	4.3 / 110	4.3 / 110	6.3 / 160	6.3 / 160	Special



Comfort Sling

**SAFE WORKING LOAD:**

500 lb / 227 kg

**DEPENDENCY:**Complete Dependence
FIM 1-2**ATTACHMENT:**Clips
4-Point Cradle**MATERIAL OPTIONS:**Padded
Mesh

This sling allows correct positioning to be made via the 4 point cradle. The Securi3 clip system ensures no inadvertent detachment of the sling from the cradle. It is ideal for patients who go into extension, have involuntary movements or behavioral problems.

AREA	X SMALL (inch/mm)	SMALL (inch/mm)	MEDIUM (inch/mm)	LARGE (inch/mm)	X LARGE (inch/mm)
A	31.9 / 810	38.6 / 980	46.5 / 1180	53.5 / 1360	66.5 / 1690
B	33.9 / 860	35 / 890	41.7 / 1060	45.7 / 1160	52.8 / 1340
C	51.6 / 1310	53.9 / 1370	62.2 / 1580	69.3 / 1760	82.3 / 2090



HOYER® SLINGS

Comfort Access Padded Sling with Head Support



SAFE WORKING LOAD:
500 lb / 227 kg



DEPENDENCY:
Complete Dependence
FIM 1-2



ATTACHMENT:
Clips
4-Point Cradle



MATERIAL OPTIONS:
Padded

Used with a 4-point cradle, this sling is designed specifically to facilitate the toileting procedure by allowing the removal of clothing. It is NOT a general-purpose sling and will suit only 25% of patients. Patients must be in a sitting position to use this sling. Fitted with integrated head support for additional comfort

AREA	X SMALL (inch/mm)	SMALL (inch/mm)	MEDIUM (inch/mm)	LARGE (inch/mm)	X LARGE (inch/mm)
A	23.2 / 590	27.2 / 690	32.7 / 830	41.7 / 1060	49.6 / 1260
B	10.6 / 270	11.8 / 300	12.2 / 310	11 / 280	13.4 / 340
C	46.5 / 1180	53.5 / 1360	61 / 1550	63 / 1600	73.2 / 1860
D	17.3 / 440	19.3 / 490	21.3 / 540	23.2 / 590	26.4 / 670

*Also available without head support



Comfort Amputee Sling



SAFE WORKING LOAD:
500 lb / 227 kg



DEPENDENCY:
Complete Dependence
FIM 1-2



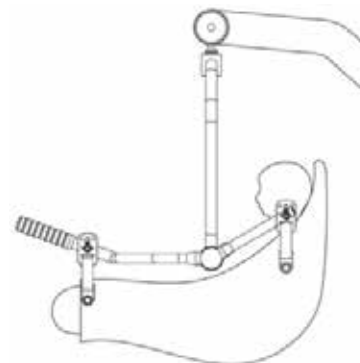
ATTACHMENT:
Clips
4-Point Cradle



MATERIAL OPTIONS:
Polyester

The Amputee Comfort sling is designed for amputees but is also suitable for other patients who have to remain in the sling for an extended period, such as for bed making or bathing. An amputee spreader bar is required for use with the amputee sling.

AREA	X SMALL (inch/mm)	SMALL (inch/mm)	MEDIUM (inch/mm)	LARGE (inch/mm)	X LARGE (inch/mm)
A	Special	38.2 / 970	45.7 / 1161	51.2 / 1300	Special
B	Special	30.5 / 775	34.8 / 884	39 / 991	Special
C	Special	15.6 / 396	16.5 / 419	17.3 / 439	Special



HOYER® SLINGS

Deluxe Stand-Aid Sling



SAFE WORKING LOAD:
440 lb / 200 kg



DEPENDENCY:
Dependent
FIM 3-4



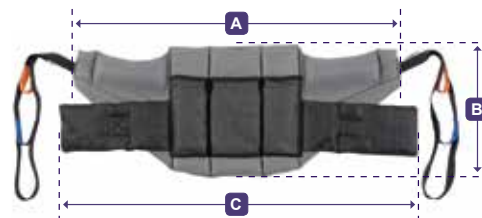
ATTACHMENT:
Loops
6-Point Spreader Bar



MATERIAL OPTIONS:
Polyester
Disposable

The Standing sling is suitable for those patients who have a greater degree of weight bearing ability. It allows good access for toileting and is easy to fit, providing quick and effective transfers. The adjustable waist strap and the non-slip back pad ensures a comfortable transfer.

AREA	X SMALL (inch/mm)	SMALL (inch/mm)	MEDIUM (inch/mm)	LARGE (inch/mm)	X LARGE (inch/mm)
A	Special	28.3 / 720	32.7 / 830	42.1 / 1070	Special
B	Special	12.2 / 310	13 / 330	13.4 / 340	Special
C	Special	29.1 / 740	35.4 / 900	48 / 1220	Special
Chest Strap Adjustment (maximum length)					
MAX	Special	40.1 / 1020	53.5 / 1360	61.4 / 1560	Special



*Also available in clip version

Deluxe Transport Sling



SAFE WORKING LOAD:
440 lb / 200 kg



DEPENDENCY:
Dependent
FIM 2-4



ATTACHMENT:
Loops
6-Point Spreader Bar



MATERIAL OPTIONS:
Polyester

This sling is suitable for those patients with a moderate degree of weight bearing ability. It is easy to fit, allowing quick and effective transfers. The adjustable waist strap and the non-slip back pad ensures a comfortable transfer.

AREA	X SMALL (inch/mm)	SMALL (inch/mm)	MEDIUM (inch/mm)	LARGE (inch/mm)	X LARGE (inch/mm)
A	Special	26.4 / 670	33.1 / 840	43.3 / 1100	Special
B	Special	11.4 / 290	13.4 / 340	15.7 / 400	Special
C	Special	33.9 / 860	39.8 / 1010	41.7 / 1060	Special
Chest Strap Adjustment (maximum length)					
MAX	Special	40.9 / 1040	51.6 / 1310	65 / 1650	Special



ABOUT HOYER® SLINGS

Sling Accessories



HEAD SUPPORTS AND PADS

- Help ensure correct positioning



SIDE SUSPENDERS

- Extends cradle for expanded sling comfort to the patient caused by pinching and squeezing



HEAD/NECK ROLL

- Provides additional comfort and support to the patient



EXTENSION STRAPS

- Allow an increase in length to the existing sling straps that connect to the lift



SLIDESHEETS

- Ultra-low friction allows basic patient handling tasks to be completed without the need to lift the patient