

Back supports

Comparison matrix



permobil

Unite series

Comfort series



Comfort Unite 1



Comfort Unite 2



Comfort Unite 3



Comfort Unite 1 Wing



Comfort Unite 1 LTS



Comfort Custom Unite



Comfort Embrace



Comfort Relief



Comfort Relief LTS

| | Comfort Unite 1 | Comfort Unite 2 | Comfort Unite 3 | Comfort Unite 1 Wing | Comfort Unite 1 LTS | Comfort Custom Unite | Comfort Embrace | Comfort Relief | Comfort Relief LTS |
|-------------------------|--|---|---|---|---|--|--|---|---|
| Coding type | Positioning back, posterior | Positioning back, posterior lateral | Positioning back, planar with lateral supports | Positioning back, planar with lateral supports | Positioning back, planar with lateral supports | Custom fabricated back cushion | Positioning back, posterior | Positioning back, posterior lateral | Positioning back, planar with lateral supports |
| Width | 12" - 26" (2" increments) | 12" - 24" (2" increments) | 14" - 24" (2" increments) | 12" - 24" (2" increments) | 12" - 24" (2" increments) | Based on individual measurements | 10" - 24" (2" increments) | 14" - 20" (2" increments) | 14" - 20" (2" increments) |
| Length / Heights | 12" - 22" (2" increments) | 12" - 22" (2" increments) | 14" - 22" (2" increments) | 12" - 22" (2" increments) | 12" - 22" (2" increments) | Based on individual measurements | 10" - 22" (2" increments) | 10" - 22" (2" increments) | 12" - 22" (2" increments) |
| Contours | 2.25" | 4" | 6.5" | 2.25" with 5" or 7" wing | 2.25" | Comfort Unite 1, 2, 3 or 1 Wing Customize ROHO cell heights: 1.25", 2.25", 3.25", 5.25" | — | — | 3" L x 4" D 4" L x 5" D 4" L x 6" D 5" L x 6" D |
| Shell | Moldable aluminum | Moldable aluminum | Moldable aluminum | Moldable aluminum | Moldable aluminum | Moldable aluminum | Aluminum | Aluminum | Aluminum |
| Hardware | 2 pt and 4 pt Quick Release 2 pt and 4 pt Fixed Power mount Direct mount | 2 pt and 4 pt Quick Release 2 pt and 4 pt Fixed Power mount Direct mount | 2 pt and 4 pt Quick Release 2 pt and 4 pt Fixed Power mount Direct mount | 2 pt and 4 pt Quick Release 2 pt and 4 pt Fixed Power mount Direct mount | 2 pt and 4 pt Quick Release 2 pt and 4 pt Fixed Power mount Direct mount | 2 pt and 4 pt Quick Release 2 pt and 4 pt Fixed Power mount Direct mount | 2 pt and 4 pt Quick Release 2 pt and 4 pt Fixed Power mount | 2 pt and 4 pt Quick Release 2 pt and 4 pt Fixed Power mount | 2 pt and 4 pt Quick Release 2 pt and 4 pt Fixed Power mount |
| Insert Material | 2 layer Foam | 2 layer Foam Optional ROHO® air insert | 2 layer Foam Optional ROHO air insert | 2 layer Foam | 2 layer Foam | Foam ROHO air inserts ROHO air back cushion | 2 layer foam | Foam, BOA® Fit System | Foam, BOA® Fit System |
| Cover Options | Diamond Spacer Diamond Spacer with GlideWear™ Comfort-Tek® | Diamond Spacer Diamond Spacer with GlideWear Comfort-Tek | Diamond Spacer Diamond Spacer with GlideWear Comfort-Tek | Diamond Spacer Diamond Spacer with GlideWear Comfort-Tek | Diamond Spacer Diamond Spacer with GlideWear Comfort-Tek | Diamond Spacer Diamond Spacer with GlideWear Comfort-Tek | Comfort-Tek Stretch-Air | Comfort-Tek Stretch-Air | Comfort-Tek Stretch-Air |
| Weight Capacity | ≤ 18" wide 250 lbs 20" wide 300 lbs 22" wide 350 lbs 24" wide 400 lbs 26" - 28" wide 450 lbs | ≤ 18" wide 250 lbs 20" wide 300 lbs 22" wide 350 lbs 24" wide 400 lbs | ≤ 18" wide 250 lbs 20" wide 300 lbs 22" wide 350 lbs 24" wide 400 lbs | ≤ 18" wide 250 lbs 20" wide 300 lbs 22" wide 350 lbs 24" wide 400 lbs | ≤ 18" wide 250 lbs 20" wide 300 lbs 22" wide 350 lbs 24" wide 400 lbs | ≤ 18" wide 250 lbs 20" wide 300 lbs 22" wide 350 lbs 24" wide 400 lbs 26" - 28" wide 450 lbs | 10"-18" wide - 250 lbs 20" wide - 300 lbs 22" wide - 350 lbs 24" wide - 500 lbs | 14" - 18" wide - 250 lbs 20" wide - 300 lbs | 14" - 18" wide - 250 lbs 20" wide - 300 lbs |
| Headrest Option | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Laterals Option | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Warranty | Cover: 6 months Back shell, hardware and foam: 5 years | Cover: 6 months Back shell, hardware and foam: 5 years | Cover: 6 months Back shell, hardware and foam: 5 years | Cover: 6 months Back shell, hardware and foam: 5 years | Cover: 6 months Back shell, hardware and foam: 5 years | Cover: 6 months Back shell, hardware and foam: 5 years | Cover: 6 months Back shell, hardware & foam: 5 years | Cover: 6 months Back shell, hardware & foam: 5 years | Cover: 6 months Back shell, hardware & foam: 5 years |
| Add-ons | UniTrak rail Accent colors Embroidery Privacy flap | UniTrak rail Accent colors Embroidery Privacy flap | UniTrak rail Accent colors Embroidery Privacy flap | UniTrak rail Accent colors Embroidery Privacy flap | UniTrak rail Accent colors Embroidery Privacy flap | UniTrak rail Accent colors Embroidery Privacy flap | Accent colors, embroidery, privacy flap | Accent colors, embroidery, privacy flap | Accent colors, embroidery, privacy flap |



Comfort series

ROHO® series



Comfort Embrace LTS



Comfort TruShape



ROHO Agility® Active Aluminum min & mid contour



ROHO Agility Active Carbon min & mid contour

| | | | |
|--|---|--|--|
| Positioning back, planar with lateral supports | Custom fabricated back cushion | Positioning back, planar with lateral supports | Positioning back, planar with lateral supports |
| 10" - 24" (2" increments) | Based on individual measurements | 14" - 18" (1" increments) | 14" - 18" (1" increments) |
| 10" - 22" (2" increments) | Based on individual measurements | 8", 10" | 10", 13", 16" |
| 3" L x 4" D 4" L x 5" D 4" L x 6" D 5" L x 6" D | Based on individual measurements | 3" 4" | 3" 4" |
| Aluminum | Materials vary | Aluminum | Carbon |
| 2 pt and 4 pt Quick Release 2 pt and 4 pt Fixed Power mount | Fixed Power mount | Fixed Adjustable | Fixed Adjustable |
| 2 layer foam | Custom foam | Foam | Foam with air insert |
| Comfort-Tek Stretch-Air | Neoprene, Spacer fabric Breathe 5, Comfort-Tek Stretch-Air | Spacer fabric | Spacer fabric |
| ≤ 18" wide - 250 lbs 20" wide - 300 lbs 22" wide - 350 lbs 24" wide - 400 lbs | No weight limit if appropriately sized | 265 lbs | 265 lbs |
| Yes | Yes | No | No |
| Yes | Yes | No | No |
| Cover: 6 months Back shell, hardware & foam: 5 years | Cover: 6 months Back shell, hardware and foam: 5 years | Back shell & hardware: 5 years Foam, cover: 18 months | Back shell & hardware: 5 years Foam, cover & air insert 18 months |
| Accent colors, embroidery, privacy flap | Double reinforcement, Soft spots, Soft spot overlay, Ventilation holes, Extra cover | — | — |

Innovative technology

BOA®

The BOA® Fit System delivers smooth, even positioning adjustments. Available on the Comfort Relief back, each click offers one millimeter of precision fit for the individual.

ROHO® air inserts

Independently adjustable spinal and lateral air pads designed for positioning and skin protection, available on Unite back supports.

Aluminum stays

Comfort offers patented moldable aluminum stays in the Embrace and Unite backs that conform and support the individual's posture.



Hardware & positioning

Compass® Power Mount Hardware streamlines installation on most power wheelchairs with 8" height adjustability, integrating easily with Relief, Embrace, and Unite back supports.

Compass 4 Hardware features quick-release and full adjustability for height, depth, and recline angle—all while seated. Back support can be removed in seconds for added convenience.

Direct Mount Hardware is designed for Permobil power wheelchairs with 3rd generation Corpus® seating, ensuring easy installation with less than 1/5" seat depth loss.

The Agility® Active series hardware utilizes durable Zytel® discs for secure, reliable attachment and integrated adjustability.

