

Posicast Thermoplastics are designed to drape over the patient and feature different spray coatings in Lite and Plus styles. These thermoplastics are compatible with the Posifix® Patient Positioning Systems. For a full list of available thermoplastic part numbers, please visit www.civco.com.

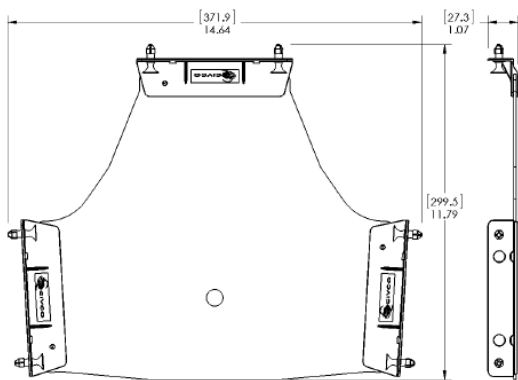
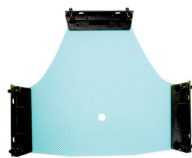
Product Configuration

Posicast-Lite

Posicast-Lite PR3

Head Only (3 pt)
0.5 lbs (0.23 kg)
299 L x 372 W x 27 H (mm)

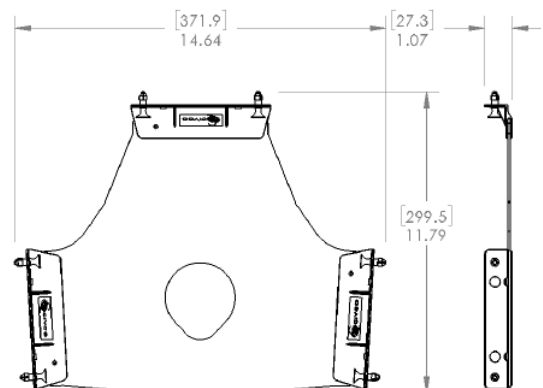
772030
2.3 mm thickness



Posicast-Lite PR31

Head Only with Open-face (3 pt)
0.5 lbs (0.23 kg)
299 L x 372 W x 27 H (mm)

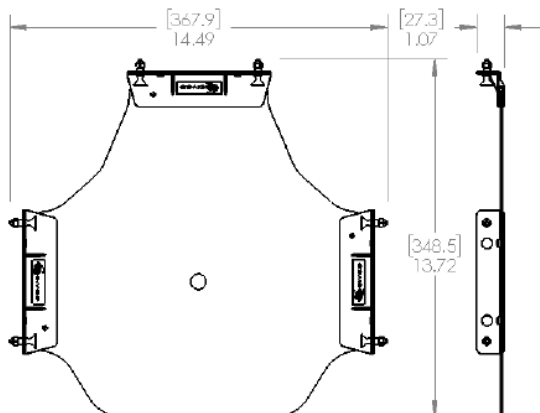
970031
2.3 mm thickness



Posicast-Lite PR44

Head Only with Larynx Extension (3 pt)
0.6 lbs (0.27 kg)
348 L x 368 W x 27 H (mm)

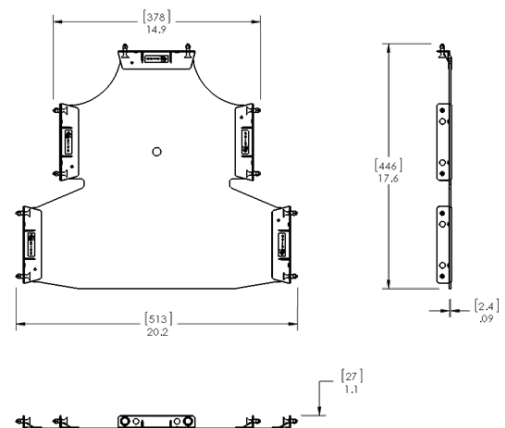
772044
2.3 mm thickness



Posicast-Lite PR5

Head, Neck & Shoulders (5 pt)
0.91 lbs (0.41 kg)
446 L x 513 W x 27 H (mm)

772145
2.3 mm thickness



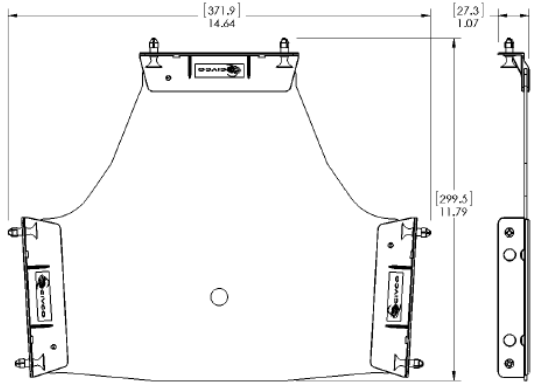
Posicast®-Plus

Posicast-Plus PR3

Head Only (3 pt)
 0.5 lbs (0.23 kg)
 299 L x 372 W x 27 H (mm)

930030

2.3 mm thickness

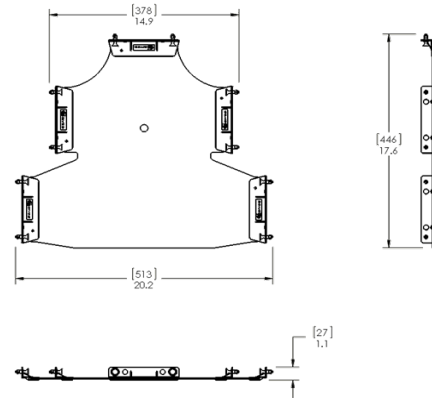


Posicast-Plus PR5

Head, Neck & Shoulders (5 pt)
 1.0 lbs (0.45 kg)
 446 L x 513 W x 27 H (mm)

930145

2.3 mm thickness

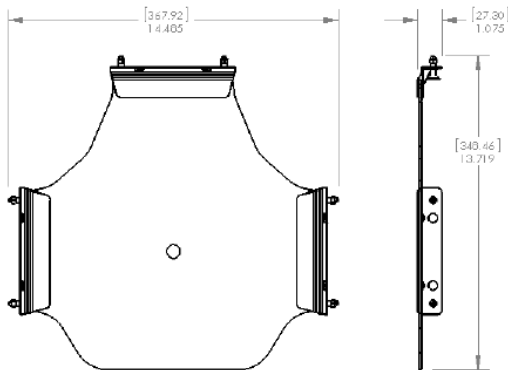


Posicast-Plus PR44

Head Only (3 pt) with Larynx Extension
 0.6 lbs (0.27 kg)
 348 L x 368 W x 27 H (mm)

930044

2.3 mm thickness

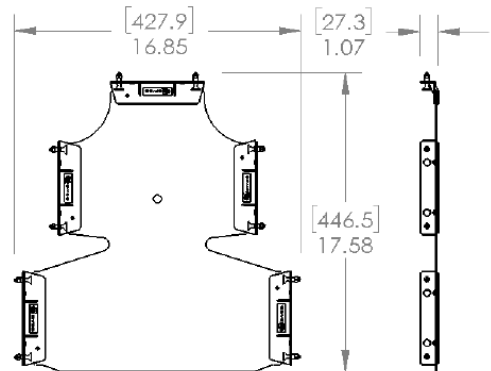
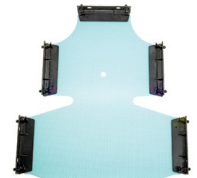


Posicast-Plus PR55, Pediatric

Head, Neck & Shoulders (5 pt)
 0.85 lbs (0.39 kg)
 446 L x 428 W x 27 H

930055

2.3 mm thickness

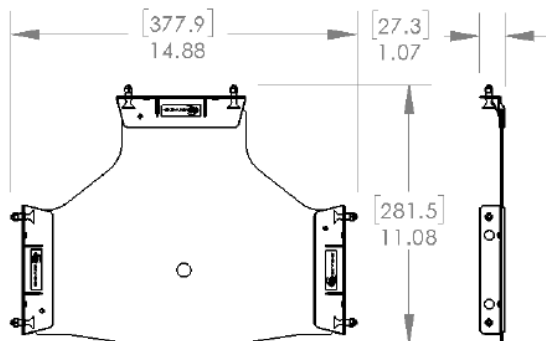
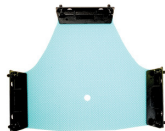


Posicast-Plus PR33, Pediatric

Head Only (3 pt)
 0.55 lbs (0.25 kg)
 281 L x 378 W x 27 H

930033

2.3 mm thickness



Technical Details

	Posicast®-Plus (Head-Only and H, N & S)		Posicast-Lite (Head-Only and H, N & S)	
Primary Materials	Polycaprolactone Black Nylon Black ABS Polycarbonate		Polycaprolactone Black Nylon Black ABS Polycarbonate	
Attenuation (Unstretched Mask)**	6MV: 0.65% 18MV: 0.21%		6MV: 0.65% 18MV: 0.12%	
Thickness	2.3 mm (.090)		2.3 mm (.090)	
Perforation (surface)	5%		5%	
Density	1.145 g/cm ³		1.145 g/cm ³	
Surface feeling	Smooth & Soft		Smooth	
Color	Green		Green	
Odor	None		None	
Biocompatible	Yes		Yes	
Transparent when activated	No		No	
	Waterbath	Dry Heat Oven	Waterbath	Dry Heat Oven:
Activation temperature	70° C / 158° F	75° C / 165° F	70° C / 158° F	75° C / 165° F
Activation time	1 min	5–9 min	1 min	5–9 min
Molding time (maximum)*^a	1 min 40 sec	N/A	1 min 15 sec	N/A
Hardening time*^b	8 min 20 sec	N/A	8 min 45 sec	N/A
Time to completion (minimum)*^c	10 min	10 min	10 min	10 min

Product Details

Indications for use	Head & Neck Immobilization
Contraindications	None
MRI Compatible	MR Safe
Integration	Connects to Universal Couchtop™ and Baseplates with Posifix® connection
FDA Clearance	Yes
CE Marked (EU DOC)	Yes
Other Country Registrations	Available upon request
Country of Manufacture	USA

Packaging Details

Unit Pack	1 Piece
Units / Box	10 Pieces
Shelf Life	Not Applicable
Warranty	See CIVCORT website for Product Warranty Statement
Sterilization	Non-Sterile

Test Procedures used to Acquire Data

Definitions*

- Molding Time** - the time frame available from when the mask is removed from the waterbath to the time that the mask can no longer be molded or formed.
- Hardening Time** - the time between the molding and completion time where the mask should be cooling and hardening on its own without being manipulated or molded.
- Time to Completion** - the total time from when the mask is taken out of the waterbath or dry heat oven to when the mask can be removed from the patient.

Attenuation Test Conditions**

- 100 cm SAD
- 10 x 10 cm Field Size
- 6 MV Dmax = 1.5 cm
18 MV Dmax = 3.0 cm

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