

FirmFit™ Thermoplastics

CIVCO Technical Data Sheet



FirmFit thermoplastics are drape-style masks and are compatible with the Type-S™ Patient Positioning Systems. For a full list of available thermoplastic part numbers, please visit www.CivcoRT.com.

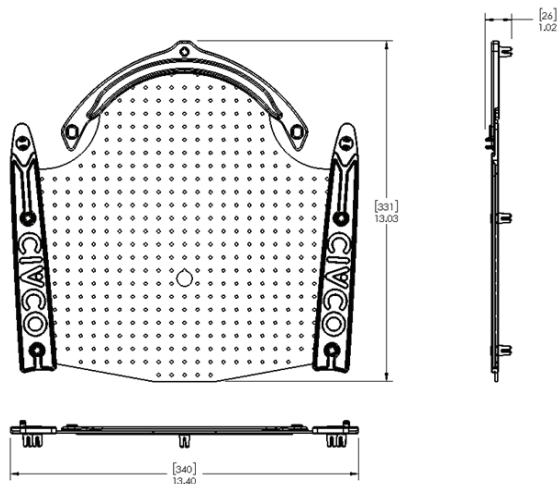
Product Configuration

FirmFit with SnapFrame™ Type-S

Head Only
0.5 lbs (0.23 kg)
331 L x 340 W x 26 H (mm)

MTAPUDMP

2.3 mm thickness

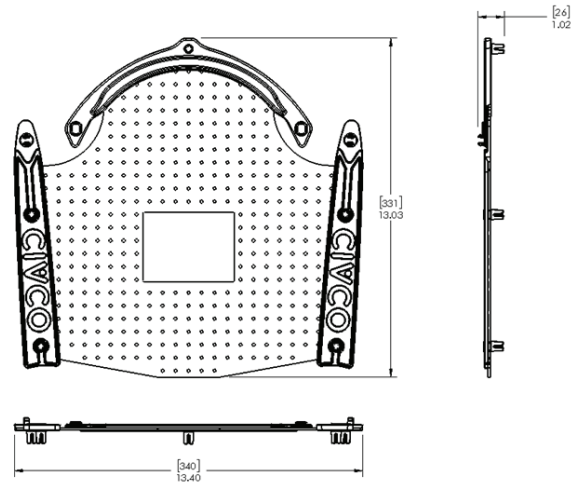


FirmFit with SnapFrame Type-S

Head Only with Open-face
0.5 lbs (0.23 kg)
331 L x 340 W x 26 H (mm)

MTAPUDMPSG

2.3 mm thickness

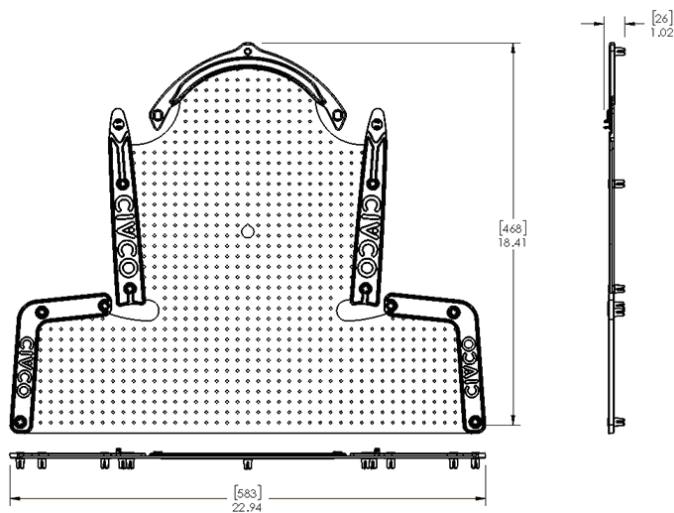


FirmFit with SnapFrame Type-S

Head, Neck & Shoulders
1.2 lbs (0.54 kg)
468 L x 583 W x 26 H (mm)

MTAPSDMP

2.3 mm thickness



Technical Details

Primary Materials	Polycaprolactone White Polycarbonate
Activation temperature (water bath)	70° C / 158° F
Activation time (water bath)	1 min
Attenuation (Unstretched Mask)**	6MV: 0.7% 18MV: 0.1%
Thickness	2.3 mm (.090)
Perforation	5%
Density	1.145 g/cm ³
Surface feeling	Smooth
Color	White
Odor	None
Biocompatible	Yes
Transparent when activated	Yes
Molding time (maximum)*^a	1 min
Hardening time*^b	9 min
Time to completion (minimum)*^c	10 min

Product Details

Indications for use	Fixation and (re)positioning of the patient during radiotherapy and diagnostics. Devices are also used to aid in the support and positioning of patients during an MRI.
Contraindications	None
MRI Compatible	MR Safe
Integration	Connects to Universal Couchtop™ and Baseplates with Type-S 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	5 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 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

Global Sales Office

Orange City, Iowa, USA
800.842.8688 | +1 712.737.8688

info@CivcoRT.com
www.CivcoRT.com

