



Technical information about areas of application and temperature recommendations for Aortha Thermoplastics.

Application examples/ Product names	AFO	KAFO	RGO	FFO	Wrist Splint	Neck Brace	Spinal Orthoses	Body Jacket	BK Socket	AK Socket	Heel Caps	Ortho- paedic Helmet	Rigid Check Socket	Flexible Prosthetic Socket	Temperature Guide (Convection Oven)
Aortha PPC	♦	♦	♦					♦		♦					180°C - 200°C 356°F - 392°F
Aortha PPH	♦	♦						♦		♦					180°C - 200°C 356°F - 392°F
Aortha ABS											♦	♦			150°C - 185°C 302°F - 365°F
Aortha PE500	♦	♦		♦				♦							160°C - 180°C 320°F - 365°F
Aortha PE1000	♦	♦		♦				♦							160°C - 180°C 320°F - 365°F
Aortha LDPE	♦				♦	♦	♦	♦	♦	♦					130°C - 150°C 266°F - 302°F
Aortha Dynamic														♦	60°C - 80°C 140°F - 176°F
Aortha Flex	♦				♦	♦	♦	♦	♦	♦					70°C - 90°C 158°F - 194°F
Aortha Drape Stiff													♦		170°C 338°F
Aortha Drape Soft													♦		150°C 302°F
Aortha Drape Extra Soft														♦	150°C 302°F
Aortha Drape Supra Soft														♦	150°C 302°F

This table shows the ideal heating temperature for each type of plastic in the Aortha Plastics range from Algeos.

- The information in this table applies only to plastics in the Aortha range from Algeos.
- The temperatures specified here are only recommendations by Algeos and should be modified according to your own heating device.

Heating times* = 3 mins per mm.

*Timings are approximate and should be used as a guide only.

