

Thermoplastic Material

Thermoplastic Brief Introduction

Thermoplastic board is a kind of orthopedic external fixation material, main body is polymer materials' functional environmental protection products.

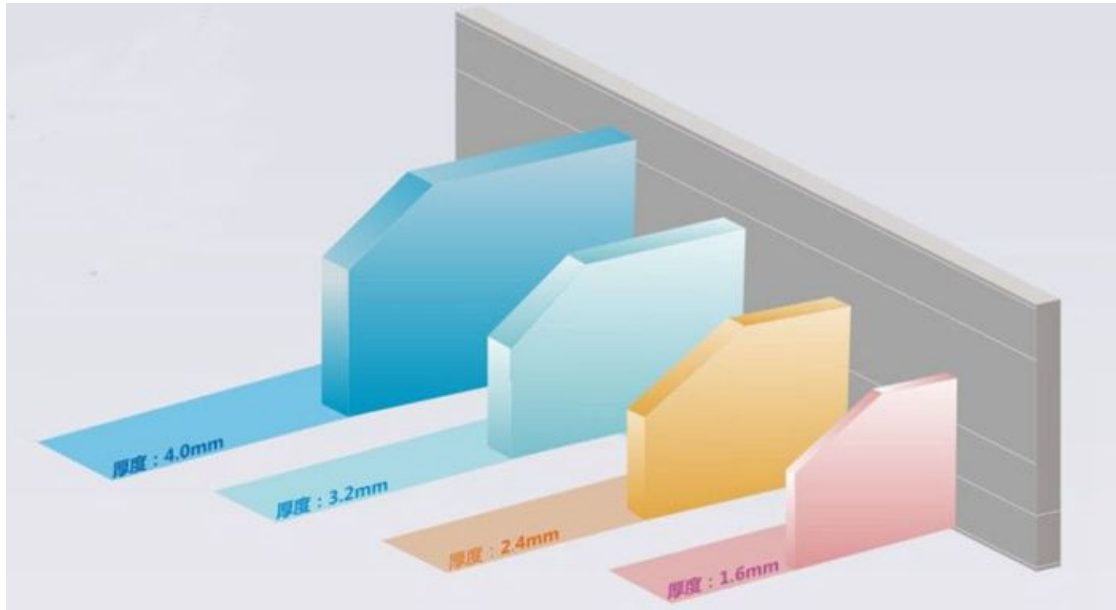
This orthopedic external fixation material can be Softened at low temperature, high plasticity, with shape memory function, good permeability, light quality, large strength and high toughness, easy to bond, X-ray permeability good, can be heated in shape many times, and can be reused, doctor operate it easily, waste can be biodegradable, etc.

Thermoplastic board is suitable for the fingers, wrist, elbow, shoulder, arms, feet, ankles, knees, head, neck, ribs, spine, pelvis etc. fracture and arthritis, burned fracture, open fractures and other static fixed or semi-fixed; Radiotherapy positioning fixed; Making orthoses and support.

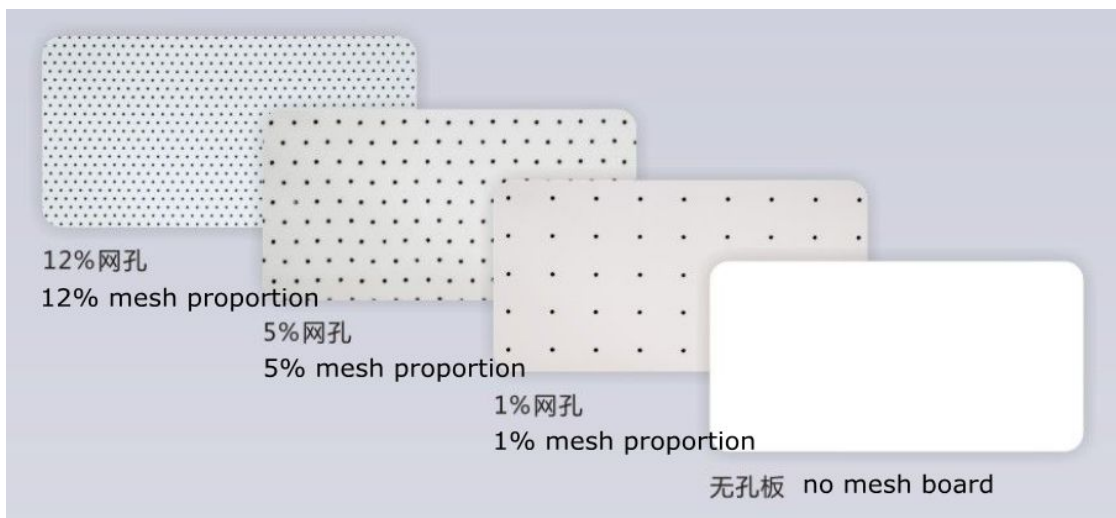


Thickness

According to requirements of customers, we produce thermoplastic plate with thickness of 1.6 mm, 2.4mm, 3.2mm, 4.0mm etc. four kinds to meet customer demand. Also we can make customized thermoplastic board with other thickness according to customer requirements.



Mesh



Commonly used specifications directory

Sequence	Product Name	Item No.	Size	Thickness	Mesh	package
1	thermo plastic	G109W	600x450	1.6mm	12%	10pcs/box
2		G209W	600x450	2.4mm	12%	10pcs/box
3		G343W	900x600	2.4mm	1%	5pcs/box
4		G347W	900x600	3.2mm	5%	5pcs/box
5		G443W	900x600	4.0mm	1%	5pcs/box

Use example



Fixed the hand into thumb and the palm. Used for hand and wrist stable fracture fixation, fixed and prevent after correction of erve tendon injuries or correct deformity caused by joint disease, neuromuscular disease bending.

Matrial choosen: Childred--2.4mm, Adults--3.2mm



Rest Will be placed in the palm side, wrist and hand each joint can be fixed at any required position. Used for hand and wrist stable fracture fixation, fixed and prevent after correction of erve tendon injuries or correct deformity caused by joint disease, neuromuscular disease bending.

Matrial choosen: Childred--2.4mm, Adults--3.2mm

