

Frame Fabrication Method - Lab Process

Information Provided By Kevin Orthopedic Institute

Redimold Positive Model Vacuum Formed

Predesigned models vacuum formed



2% FRAME TO
MODEL VARIATION
TOLERANCE

FOOT IMPRESSION METHODS ACCEPTED

Redimold, Pedobarography

FRAME MATERIAL OPTIONS

Polypropylene, Subortholene, Carbon, TPE, EVA

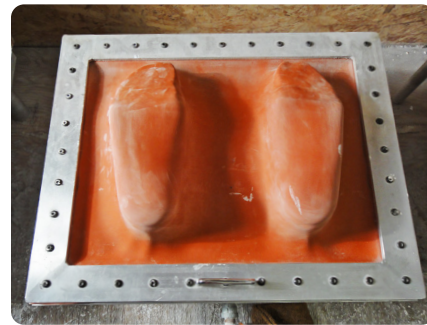
ADVANTAGES

- Consistent
- Quick process
- Positive Model Vacuum-formed

DISADVANTAGE

- No custom contours






If the Redimold fabrication method is preferred, Kevin Orthopedic offers a Redimold system consisting of 33 different positive models that can be vacuum formed with nearly any orthotic frame material. The benefits of using this system include less clinical skill needed for casting, produces consistent orthotic frames, and ease of ordering and reordering, as the lab stores the patient's order specifications indefinitely and no patient impression needing to be submitted. Many modifications can be added to the orthotic such as rearfoot posts, flanges, padding and accommodation



Vacuum forming frames over Redimold Positive Models

modifications etc. The drawback of this fabrication method is the lack of customized frame contours due to a prefabricated mold being used to vacuum form the frame instead of a patient's impression.

Note: To see the full vacuum forming process, please see images 8-10 on page 20.

 MEN'S SHOE SIZE	 WOMEN'S SHOE SIZE	 NORMAL Model Number	 PLANUS Model Number	 CAVUS Model Number
3	4	3N	3P	3C
4	5	4N	4P	4C
5	6	5N	5P	5C
6	7	6N	6P	6C
7	8	7N	7P	7C
8	9	8N	8P	8C
9	10	9N	9P	9C
10	11	10N	10P	10C
11	12	11N	11P	11C
12	13	12N	12P	12C
13	14	13N	13P	13C