

Functional leather and fiberglass device (A) - Though we typically think of leather and accommodative type devices as being synonymous, this is not necessarily so. The leather device reinforced with fiberglass can be made over any cast correction and is a very useful functional device. This is posted with crepe or Korex. One of the advantages of a leather and fiberglass combination is that the leather shell can extend past the ball of the foot so that durable extended forefoot posting can be used. The leather and fiberglass combination is approximately the thickness of polypropylene. Of course, extensions and accommodations used with this device increases the size requirements of shoes.

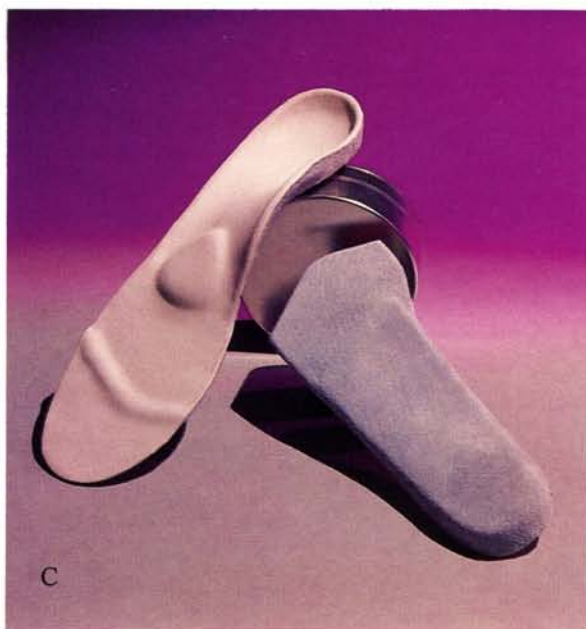
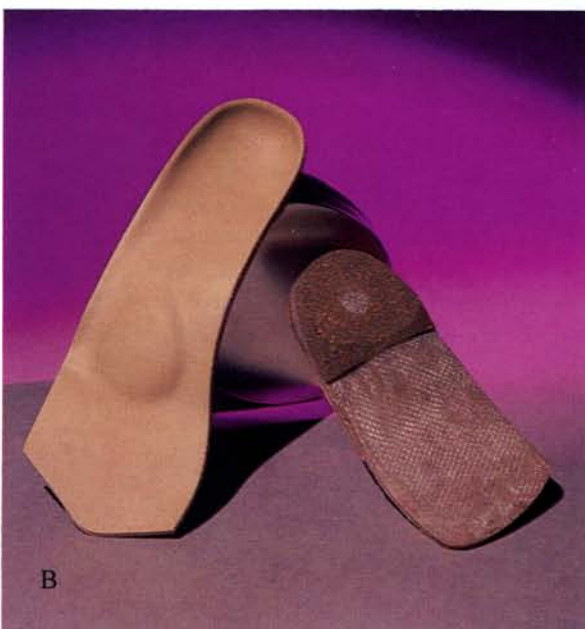
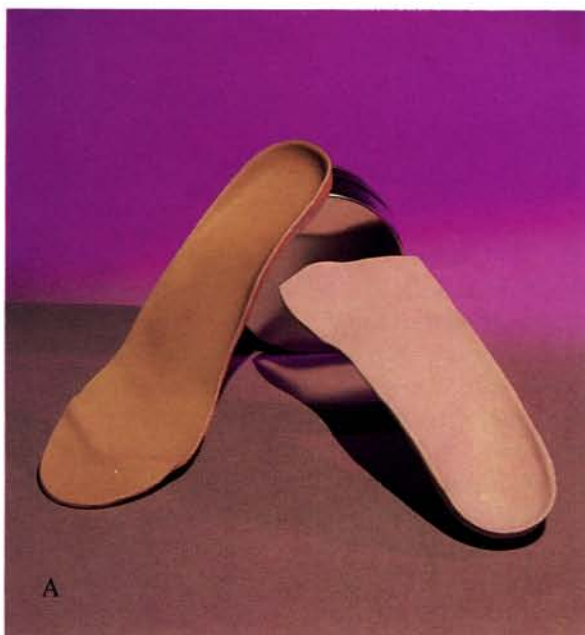
Accommodative devices (B) - The leather and fiberglass balanced inlay that we make provides good support without bulk. The regular cast correction is similar to that for a Shaffer Plate although any of our cast corrections can be utilized. This device is typically made to the sulcus so that the forefoot accommodations can be placed in the thicker molding leather. Korex is used for posting in the rearfoot and forefoot if needed for stability or added correction.

Soft devices (C) - Our soft devices are usually made over our "regular" cast correction, but any of the cast corrections can be used. We manufacture most of our soft devices by making a 1/16" flexible polypropylene shell. This is then reinforced with sponge, Korex, plastizote, or other soft materials of your choice to give the arch desired resiliency. Accommodations are applied, and the device is then top covered with naugahyde or your choice of other material including pearl cowhide or horsehide. Pigskin bottom covers are applied or can be sent separately on request.

The NuSoft is our most popular accommodative device and includes a pigskin bottom cover, a sweat resistant leather top cover with a cushioned forefoot.

Soft devices are also available with a hand molded leather shell with celastic reinforcement, and then reinforced in the arch area with your choice of soft materials. This type of device is usually top covered with naugahyde, and bottom covers are available either attached or not attached.

We have found that the soft type of devices made with the flexible thin polypropylene shell are somewhat more durable than the traditional celastic reinforcement.



DynaLite devices are an inexpensive, extremely light-weight bulk type of orthoses. An expansion for soft tissue is applied to the positive cast and shell of dense plastizote is then molded. This dense plastizote is lined with soft plastizote to the sulcus and a leather-grained naugahyde top cover is applied. The rearfoot and forefoot corrections are ground into the dense plastizote allowing this device to provide adequate control with a minimum of weight.

This soft plastizote liner and naugahyde top cover are available to full length. For many activities it is preferable to use closed cell neoprene rather than naugahyde for the top cover. This device has proven useful for diabetic ulcers, accommodation of forefoot lesions, and other applications where a light accommodative devices would be beneficial.

We suggest that you use the closed cell neoprene top cover when using this device for sporting activities to reduce blister formation. The DynaLite device is a shank dependent type device that which when used properly, offers nearly as good control as many of the firmer thermoplastics. The characteristics of the softer plastizote will necessitate replacement of the liner on a periodic basis. We don't feel you will be able to get better control with less weight with a device in any price range.

