

## 5-01-RF Ridge Flex Ankle Joint

- The RidgeFlex Ankle Joint represents optimal balance between flexibility and rigidity due to the utilization of a proprietary material called Prepalon
- Prepalon is a continuous fiber and elastomer blend technology (CFET)
- The use of flexible elastomer provides optimum tear strength, preventing fatigue failure
- Continuous fiber blended within the elastomer provides structure and rigidity, preventing the joint from stretching
- This technology eliminates the need for strings which do not provide any support in rotation or A-P movement
- Material technology allows for bold concepts which led to the creation of the tendon design. The tendon design offers a smooth movement while providing proper support in the sagittal plane and rotational control
- Combination of flexible elastomer and continuous fiber blend for rigidity allows for optimum balance of smooth movement and rigid support
- No need to compromise the tear strength by using a higher density elastomer for more support. Higher density in elastomer means weaker tear strength, thus compromising the structural integrity of the joint



5-01-RFD100



CFET

continuous fiber and elastomer blend technology



5-01-RFS100

Product Code	Description
5-01-RFD100	Dorsiflexion Assist
5-01-RFS100	Standard
5-01-RFS100DM	Dummy – (Dorsiflexion Assist & Standard)



# Regal Prosthesis Ltd.

An ISO13485:2003 & ISO9001:2008 certified company Your reliable partner

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