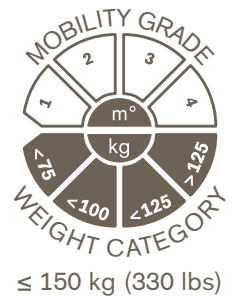


# 5R2=C

## Carbon Socket Attachment

Strong partner for prepreg technology  
and SiOCX TF socket system



Quality for life



## Lightweight with strong properties

Carbon, a high-quality composite material, is especially lightweight and extremely strong at the same time. The 5R2=C Socket Attachment is therefore particularly well suited for use in innovative carbon sockets. Since the carbon and the carbon socket attachment have the same expansion properties, an excellent form and material fit between the socket and the socket attachment is achieved when the socket is fabricated. The adapter can be used for a body weight of up to 150 kg (330 lbs).

### Innovative carbon sockets

#### Sockets made from carbon fibre woven prepreg

For optimal form and material fit between the socket and 5R2=C Socket Attachment we recommend the fabrication of a thin-walled, high-strength and lightweight socket. The 616B10=5 Carbon Fibre Woven Prepreg is excellently suited for this because of its very high tensile and compressive strength.

The fabrication in prepreg technology offers you many advantages. For example, it enables dynamic designs and increases your process flow efficiency: the particularly high setting temperatures speed up processing of the material, thereby saving you valuable time.

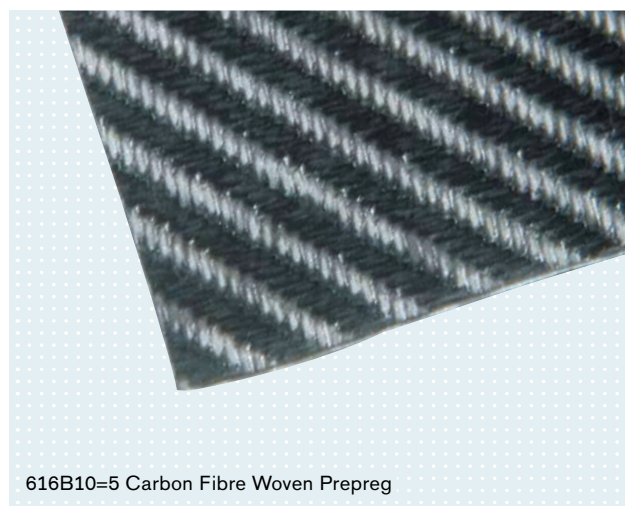
You can find details on this in our "Materials" (646K1=GB) and "Consulting, Planning and Equipping" (646K10=GB) catalogues.

### An innovative solution from Service Fabrication The SiOCX TF socket system

The outer socket of the SiOCX TF socket system is also fabricated from carbon prepreg. Its high stability will therefore be complemented particularly well by the new 5R2=C Carbon Socket Attachment and offers extremely high strength.

In the SiOCX TF socket system the combination of carbon prepreg (outer socket) and HTV medical-grade silicone (inner socket) enables a high level of functionality, comfort and hygiene.

You will find more on the SiOCX TF socket system, available from Ottobock Service Fabrication, in the "Service Fabrication" catalogue (646K71=EN) and in SiOCX TF technical information (646D437=GB).



616B10=5 Carbon Fibre Woven Prepreg



SiOCX TF socket system with 5R2=C