



Large Thick-Walled, Composite Rings and Cones

PCT's extensive knowledge of epoxy chemistry and advanced modeling techniques enable us to develop a composite ring, exceeding our customer's demanding expectations. Our modern winding technology, advanced machining processes, and sophisticated inspection tools allow us to build thick-walled composite structures with exacting precision.

	measurement mm
Outer Diameter	3,500
Wall Thickness	455
Length	8,000
Glass Transition Temperature, Tg ASTM 1640 / ITS 851848	185° C
MPa*	
Flexural Strength, ISO 178	970
Flexural Modulus, ISO 178	33,000
Compression Strength Radial, ISO 604	116
Compression Strength Tangential, ISO 604	190

*Typical values for the PACTRING ER1000Z epoxy composite system.

PCT offers a wide range of composite systems to meet customers' specific requirements.

We can match most specifications to an applicable PCT composite system. Technical data sheets available upon request.

Backed by

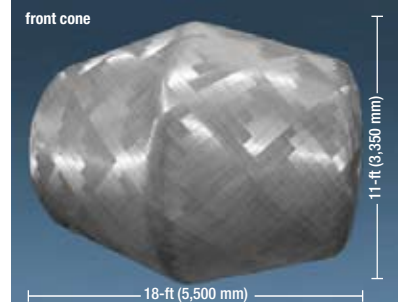
PCT Knowledge. PCT Experience. PCT Proven Performance.



front, large ring



back, large ring



front cone



side view of cone

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Worldwide**