



## TEFLON BELLOW SEALS

### PTB SERIES

Stationary Ring: Ceramic/SiC  
 Rotary Ring: Carbon/SiC/PTFE/GFT  
 Bellows: PTFE  
 Secondary Seal: PTFE  
 Springs & Other Parts: AISI 316/AM 350/  
 Hastelloy- C/Titanium.

<b>LIMIT OF APPLICATIONS</b>	<b>Temperature</b> Max. 110 C	<b>Pressure</b> 5 Bar	<b>Speed</b> 4000 RPM
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The PTB-Series Seals are externally mounted Teflon bellow seals which are capable for handling high corrosive acidic applications. The design incorporates a flexible bellow which is made out of virgin Teflon and the faces and the clamping ends are made out of GFT (Glass Filled Teflon). The mating ring is of Pure Ceramic with high alumina (Al<sub>2</sub>O<sub>3</sub>99.9%). The springs are in AISI 316, Hastelloy- C & Titanium. These seals are supplied with an interchangeable faces which can avoid the replacement cost of the total seal.