

# CPI 321

## Special piston ring and rod packing material



**CPI 321 is a proprietary blend of special fillers and virgin PTFE.**

It has been developed for use in oxidising gases and those sensitive to MoS<sub>2</sub>. Good performance has been achieved with this material in non-lube applications where the differential pressure exceeds 1.37 MPa (500psi)

It is suitable for stretch on rider rings.

CPI should be consulted for the proper design and application of its specialized products and materials. For further advice and technical support please contact CPI directly.

Typical properties	Metric	Imperial
Tensile strength at 20°C	15 MPa	2100 psi
Elongation at 20°C (%)	100	100
Coefficient of thermal expansion	70-90 x 10 <sup>-6</sup> /°C	3.9-5.0 x 10 <sup>-5</sup> /°F
Hardness (Shore 'D')	62-67	62-67
Specific gravity	2.2	2.2
Suggested mean temperature limit	150 °C	300 °F



Note: The values above are for reference only and are not intended for specification or quality control purposes.

[www.CPIcompression.com](http://www.CPIcompression.com)