



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_2 . 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, part of the Howden group, 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 | $70-90 \times 10^{-6}$ /°C | $3.9-5.0 \times 10^{-5}$ /°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

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