

CPI 113**Special compressor
piston ring and packing material**

CPI 113 is a proprietary blend of virgin PTFE and specially selected fillers and is manufactured under carefully controlled conditions.

CPI 113 has been developed especially to give safe and reliable use in dry oxygen compressors and is ignition-tested and approved for this demanding application.

CPI 113 is also suitable for dry gases which contain oxygen as a constituent, such as bone-dry air and crude argon, and provides exceptional wear resistance in these conditions.

Typical Properties of CPI 113

Tensile strength 20°C (Mpa)	12
Elongation at 20°C (%)	125
Coefficient of thermal expansion (1/°C)	70-90x10 ⁻⁶
Hardness (Shore 'D')	60-65
Specific gravity	2.3
Suggested mean temperature limit (non-lube gas compressors) (°C)	120

CPI should be consulted for the proper design and application of its specialised products and materials.

For further advice and technical support please contact CPI directly via the details below.