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High-resistant piston rings by Freudenberg

Freudenberg, a leading sealing technology specialist, showcases its highly reliable piston rings for compressors in CO₂ Mobile Air Conditioning applications on R744.com.

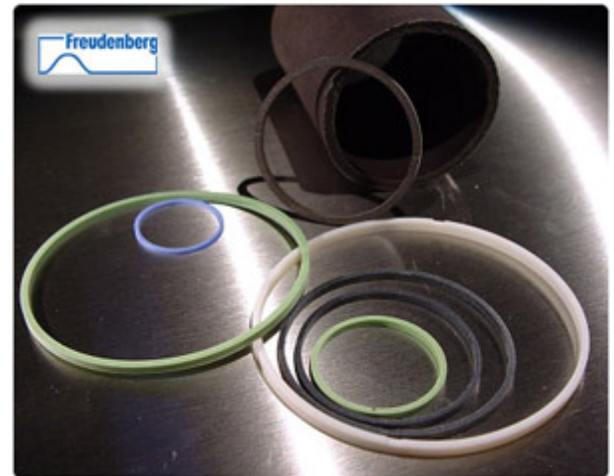
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Freudenberg's PTFE piston rings, designed for the sealing of compressor pistons in CO₂ car air conditioning, are highly resistant against explosive decompression. They show very low friction, minimal swelling, as well as no ageing over time.

Available as bolt cut and closed versions, Freudenberg's products ensure the secure compressor function, helping this key component to run safely and smoothly. The piston rings feature customized polymers, are easy to assemble and ensure minimal leakage at high temperatures.

Main features

- PTFE/F18237: for hard counter-rotating bodies (steel)
- PTFE/F52902: for soft counter-rotating bodies
- PTFE/F18225: optimized against wear for soft counter-rotating bodies



Reactions

"Freudenberg is always working on "break-through innovations" that offer customers the greatest possible benefits. Our highly resistant piston rings for R744 mobile air conditioning cater to the high expectations of the automotive industry," says Thomas Jäck from Freudenberg's Product Development.

"R744.com is the right place to present our products to manufacturers looking for innovative and sustainable solutions for future mobile air conditioning systems," he adds.

Background

Freudenberg Seals and Vibration Control Technology is a member of the Freudenberg group offering customized seals for automobiles, machinery and various other applications. In close cooperation with its Japanese partner NOK, Freudenberg is a leading global partner for sealing to its worldwide customers.

More information:

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