



# R515B refrigerant (Solstice® N15). Low GWP and nonflammable R134a replacement.



## Introduction

R515B (Solstice® N15) is a nonflammable azeotropic blend. Low GWP modern alternative (AR4/AR5) with 292/299. Designed for chillers, heat pumps and high-ambient air conditioning systems. This hydrofluoroolefin (HFO) blend demonstrates environmental and performance benefits in new systems based on a refrigerant in the field of A1-technology.

## Specifics/facts

R515B (Solstice® N15) is a HFO-blend (R1234ZE/R227EA). Suitable for AC-systems, heat pumps and chillers replacing gases like R134a. The low GWP and other characteristics R515B goes in line with EN 378 and PED and is seen as PED group 2 fluid. With zero glide, nonflammable and low GWP R515B represents a modern solution in line with F-gas regulation and available technology.

## Product specification

Cylinder size	Content in kg	Item number
12	12	121082
61	62	121083

## Advantages

- A long-term solution
- Low GWP at 292/299 (reduction at 77% vs. R134a)
- Efficiency comparable to R134a
- Zero glide
- Lower discharge temperature compared to R134a
- Can be used in equipment designed for R1234ZE
- Lower discharge temperature and discharge pressure compared to R134a
- R515B matches the capacity and efficiency of R1234ZE, hence it can be used in all equipment that have been designed for R1234ZE
- R515B has a higher critical temperature compared to R134a which means it can reach higher water outlet temperature