



## R1270 (CARE<sup>®</sup> 45) Propylene.



### Introduction

R1270, also known as CARE<sup>®</sup> 45, is refrigerant grade propylene (propene), a natural, or “not in kind”, refrigerant suitable for use in low and medium temperature refrigeration applications. It is non-toxic, with zero ODP (Ozone Depletion Potential) and very low GWP (Global Warming Potential). R1270 is a flammable refrigerant and therefore not suitable for retrofitting existing fluorocarbon refrigerant systems.

### Specifics/facts

R1270 has a number of applications. This includes commercial refrigeration, chill cabinets, cold storage and food processing, industrial refrigeration, small air conditioning systems and large air conditioning and chiller systems.

### Product specification

Cylinder size in litres	Content in kg	Item number
12	5	111651
27	11	On request
79	33	115670

### Advantages

- R1270 is fitted with a left handed DIN 477-1 valve
- Flammable and non-toxic with a safety classification of A3 and GWP (AR4) 2
- R1270 is fitted with a left handed DIN 477-1 valve
- Lower charges allow for smaller exchangers and piping dimensions
- Due to its flammable nature R1270 (Propylene) requires different charging and recovery procedures
- Excellent thermodynamic properties leading to high energy efficiency