

R1270 (CARE[®] 45) Propylene.



- **Introduction** R1270, also known as CARE[®] 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

 \rightarrow R1270 is fitted with a left handed DIN 477-1 valve

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

www.linde-gas.se www.linde-gas.fi, www.linde-gas.no, www.linde-gas.dk, www.linde-gas.lt, www.linde-gas.lv, www.linde-gas.ee, www.linde-gas.is

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