

REFRIGERANT 285 Barrier Air Conditioning Hose

Markets



Parker 285 Barrier Hose is designed to deliver consistency and reliability with a constant working pressure of 500 PSI in all sizes for air conditioning systems. Parker 285 Hose exceeds current industry standards for ultra-low refrigerant permeation and is designed, built, and tested to meet SAE J3062 Type C performance specifications. The hose is designed to meet Automotive OEM requirements for R134a and the next generation R1234yf refrigerants.

- Highly flexible
- Exceeds Automotive OEM requirements
- Exceeds SAE J3062 “Ultra Low” refrigerant permeation rating (0.50 kg/m2yr R134a)
- Compatible with Parker’s 26 series fittings

285 Refrigerant SAE J3062 TYPE C



| # Part Number | Hose I.D. | | Hose O.D. | | Working Pressure | | Minimum Bend Radius | | Weight | | Vacuum Rating | | Parkrimp 26 Series |
|---------------|-----------|-------|-----------|-------|------------------|-----|---------------------|----|--------|------|---------------|-----|--------------------|
| | inch | mm | inch | mm | psi | MPa | inch | mm | lbs/ft | kg/m | inches of Hg | kPa | |
| 285-4 | 3/16 | 5,08 | 0.490 | 12,45 | 500 | 3,4 | 1 | 25 | 0.09 | 0,13 | 28 | 95 | ● |
| 285-6 | 5/16 | 8,23 | 0.580 | 14,73 | 500 | 3,4 | 1-1/2 | 40 | 0.10 | 0,14 | 28 | 95 | ● |
| 285-8 | 13/32 | 10,67 | 0.680 | 17,27 | 500 | 3,4 | 2 | 50 | 0.13 | 0,17 | 28 | 95 | ● |
| 285-10 | 1/2 | 12,95 | 0.765 | 19,43 | 500 | 3,4 | 2-1/2 | 65 | 0.15 | 0,19 | 28 | 95 | ● |
| 285-12 | 5/8 | 16,13 | 0.930 | 23,62 | 500 | 3,4 | 3 | 75 | 0.19 | 0,27 | 28 | 95 | ● |
| 285-14 | 3/4 | 19,05 | 1.080 | 27,4 | 500 | 3,4 | 3-1/2 | 89 | 0.24 | 0,34 | 28 | 95 | ● |

Application: Refrigerants R134a / PAG Oil & R1234yf / PAG Oil.

Inner Tube: Synthetic rubber with nylon barrier.

Reinforcement: One fiber braid.

Cover: Synthetic rubber.

Temperature Range: -40°F to +257°F (-40°C to +125°C).

Fittings: 26 Series - pg. B-9.

- See Section C for Parkrimp Assembly Instructions.
- Temperature Range of other media listed in Section E.

WARNING: This product can expose you to chemicals including ethylene thiourea, which is known to the State of California to cause cancer and birth defect or other reproductive harm. For more information go to www.p65warnings.ca.gov.