



Mercedes Benz Discharge Aluminum pipe Fit For ML320 350(W163) 3.2L 99-05

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Freedom Future
- Model Number: A1638300316
- Minimum Order Quantity: Negotiable
- Price: Negotiable
- Packaging Details: standard packing, as customer demands
- Delivery Time: 7 - 15 working Days
- Payment Terms: L/C,T/T,etc.



Product Specification

- Pressure Rating: 300 Psi
- Color: Silver
- Temperature Range: -40°C To 140°C
- Weight: Lightweight
- Oem Part Number: A1638300316
- Flexibility: Flexible
- Material: Aluminum
- Resistance: Corrosion Resistant
- Highlight: Mercedes Benz ML320 aluminum AC pipe, Mercedes W163 discharge pipe 3.2L, ML350 AC aluminum pipe with warranty



Product Description

Mercedes Benz Discharge Aluminum Pipe for ML320 350 (W163) 3.2L 99-05

Our automotive air conditioning hoses feature an advanced multi-layer construction engineered for superior performance and durability in demanding applications.

Advanced Construction Features

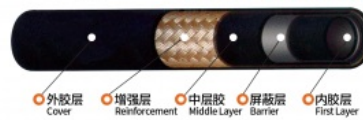
- **Inner & Middle Rubber Layers:** Chloroprene rubber (CR) provides excellent anti-permeation performance with low refrigerant permeability and resistance to compressor oils
- **Nylon Shielding Layer:** Nylon 6 material offers exceptional toughness, shock resistance and heat resistance while reducing refrigerant penetration
- **Polyester Fiber Reinforcement:** Delivers high strength to withstand working pressure while maintaining pipeline integrity
- **Protective Cover:** Chlorobutyl rubber (IIR) or EPDM provides superior weather resistance, heat resistance and vibration damping

C 型空调软管 Type C Air Conditioner Hose

适合制冷剂 / Applicable refrigerant
R134a, HFO-1234yf

执行标准 / Standard
SAE J2064 QC/T664-2019

工作温度范围
Working temperature range
-40°C ~ +135°C



C 型空调软管尺寸及性能参数
Sizes and performance parameters of type C air conditioner hose

公称直径 Dimension	英寸 inch	内径 I.D.	外径 O.D.	壁厚 Wall Thickness	壁厚差 Wall Diff	工作压力 Work Pressure	爆破值 Burst Pressure	弯曲半径 Bend Rad	渗透量 Permeability
8.2	5/16"	8.2±0.4	15.2±0.4	3.5	≤0.4	3.5	≥22	75	1.6
10.5	13/32"	10.5±0.4	17.4±0.4	3.5	≤0.4	3.5	≥23	75	1.6
11.2	7/16"	11.2±0.4	18.5±0.4	3.8	≤0.4	3.5	≥23	75	1.6
13.2	1/2"	13.2±0.4	20.8±0.4	3.8	≤0.4	3.5	≥22	85	1.6
15.2	5/8"	15.2±0.4	22.8±0.4	3.8	≤0.4	3.5	≥22	85	1.6
16.0	5/8"	16.0±0.4	23.1±0.5	4.8	≤0.4	3.5	≥22	105	1.6
19.0	3/4"	19.0±0.5	28.5±0.5	5.0	≤0.4	3.5	≥22	110	1.6
22.0	7/8"	22.0±0.5	31.5±0.5	4.8	≤0.4	3.5	≥22	110	1.6
25.0	1"	25±0.5	35.0±0.5	5.0	≤0.4	3.5	≥22	110	1.6

Technical Specifications

Temperature Range: -40°C to 140°C (-40°F to 284°F)

Construction: Corrosion-resistant aluminum

Design: Lightweight yet durable

Installation: Easy installation process

Pressure Rating: High pressure (300 psi)



Applications

- Automotive air conditioning systems
- Refrigerant line replacement
- AC system repairs and maintenance



COMPANY PROFILE

WE SPECIALISE IN THE A/C HOSES FOR 20 YEARS.

WE ARE GOOD AT MANUFACTURING VARIOUS A/C JOINTS AND A/C PIPES ACCORDING TO DRAWINGS AND PHYSICAL SAMPLES.

120+ WORKER

80+ MACHINE

7000M² FACTORY

Support & Services

Our technical support team provides comprehensive assistance for all your AC system needs:

- Installation guidance and support
- Maintenance and repair services
- Product testing and analysis
- Customization options

Contact our expert team for any questions regarding installation, maintenance, or troubleshooting of your AC hose system.



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