

## SILICONE HEATER HOSE (GLOSSY)



### Applications:

Automotive Cooling Applications

### Construction:

Single-ply silicone with polyester reinforcement

Reinforced wall construction

Inner: Red

Outer: Blue

Smooth bore for efficient coolant flow

Designed for high burst strength and durability

### Temperature Range:

-53.9°C to +176.6°C

(-65°F to +350°F)

### Compliance:

Meets and exceeds SAE J20 R3, Class A 4.1.4

### Suitable Applications:

Automotive heater systems

Engine cooling systems

Coolant transfer lines

Light industrial coolant applications

### Not Recommended For:

Fuel or oil transfer

Hydrocarbons

Concentrated acids or alkalis

### Performance Features:

High burst strength

Excellent heat resistance

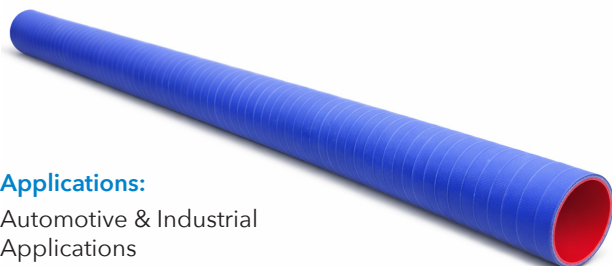
Resistant to:

- Engine coolants
- Cold leaks
- Cracking
- Peeling
- Ageing
- Ozone exposure

Maintains flexibility under temperature cycling

| Product Code | Description                          | I.D. (mm) | Wall Thickness (mm) | O.D. (mm) | Burst Pressure (psi) |        | Box Length (mt) | Roll Length (mt) |
|--------------|--------------------------------------|-----------|---------------------|-----------|----------------------|--------|-----------------|------------------|
|              |                                      |           |                     |           | Spec                 | Actual |                 |                  |
| EP-80-025    | 1/4" (6.4MM) SILICONE HEATER HOSE    | 6         | 4.2                 | 14.4      | 250                  | 319    | 7.6             | 76.2             |
| EP-80-031    | 5/16" (7.9MM) SILICONE HEATER HOSE   | 8         | 4.2                 | 16.4      | 250                  | 305    | 7.6             | 76.2             |
| EP-80-038    | 3/8" (9.5MM) SILICONE HEATER HOSE    | 10        | 4.2                 | 18.4      | 250                  | 305    | 7.6             | 76.2             |
| EP-80-050    | 1/2" (12.7MM) SILICONE HEATER HOSE   | 13        | 4.2                 | 21.4      | 250                  | 305    | 7.6             | 76.2             |
| EP-80-062    | 5/8" (15.8MM) SILICONE HEATER HOSE   | 16        | 4.2                 | 24.4      | 250                  | 290    | 7.6             | 76.2             |
| EP-80-075    | 3/4" (19.1MM) SILICONE HEATER HOSE   | 19        | 4.2                 | 27.4      | 200                  | 290    | 7.6             | 76.2             |
| EP-80-100    | 1" (25.4MM) SILICONE HEATER HOSE     | 25        | 4.2                 | 33.4      | 175                  | 247    | 7.6             | 60.96            |
| EP-80-125    | 1 1/4" (31.8MM) SILICONE HEATER HOSE | 32        | 4.2                 | 40.4      | 175                  | 203    | 7.6             | 45.7             |

## SILICONE RADIATOR HOSE



### Applications:

Automotive & Industrial Applications

### Construction:

Reinforced silicone rubber  
3-ply polyester reinforcement (ID up to 50mm)  
4-ply polyester reinforcement (larger diameters for increased pressure resistance)

### Temperature Range:

-56°C to +177°C  
(-70°F to +350°F)

### Compliance:

Meets or exceeds SAE J20 F4 Class A

### Suitable Applications:

Coolant systems  
Air transfer  
Water transfer  
Glycol-based coolants  
Polar liquids (low molecular ketones, alcohols)  
Weak acids, alkalis & salt solutions

Excellent resistance to:

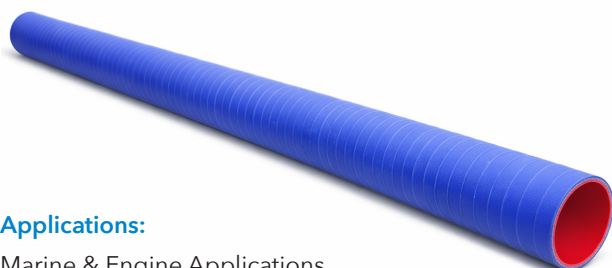
- Ozone
- UV
- Air exposure

### Not Recommended For:

Hydrocarbons  
Mineral oils & greases  
Concentrated acids or alkalis  
Oxidising acids (e.g. sulphuric, nitric)  
High-concentration ethyl-hexanoic or sebacate coolants  
Very high pH coolants

| Product Code | Description                             | I.D. (mm) | Wall Thickness (mm) | O.D. (mm) | Roll Length (mt) |
|--------------|-----------------------------------------|-----------|---------------------|-----------|------------------|
| EP-70-050    | 1/2" (12.7MM) SILICONE RADIATOR HOSE    | 12.7      | 5.08                | 22.15     | 1                |
| EP-70-075    | 3/4" (19.1MM) SILICONE RADIATOR HOSE    | 19.05     | 5.08                | 28.5      | 1                |
| EP-70-087    | 7/8" (22MM) SILICONE RADIATOR HOSE      | 22.35     | 5.08                | 31.8      | 1                |
| EP-70-100    | 1" (25.4MM) SILICONE RADIATOR HOSE      | 25.4      | 5.08                | 35.56     | 1                |
| EP-70-112    | 1 1/8" (28MM) SILICONE RADIATOR HOSE    | 28.58     | 5.08                | 38.74     | 1                |
| EP-70-125    | 1 1/4" (32.1MM) SILICONE RADIATOR HOSE  | 33.32     | 5.08                | 43.48     | 1                |
| EP-70-138    | 1 3/8" (35MM) SILICONE RADIATOR HOSE    | 34.8      | 5.08                | 44.96     | 1                |
| EP-70-150    | 1 1/2" (38.1MM) SILICONE RADIATOR HOSE  | 38.1      | 5.08                | 48.26     | 1                |
| EP-70-162    | 1 5/8" (41MM) SILICONE RADIATOR HOSE    | 41.4      | 5.08                | 51.56     | 1                |
| EP-70-175    | 1 3/4" (44.5MM) SILICONE RADIATOR HOSE  | 44.45     | 5.08                | 54.61     | 1                |
| EP-70-187    | 1 7/8" (48MM) SILICONE RADIATOR HOSE    | 47.63     | 5.08                | 57.79     | 1                |
| EP-70-200    | 2" (50.8MM) SILICONE RADIATOR HOSE      | 50.8      | 5.08                | 60.96     | 1                |
| EP-70-212    | 2 1/8" (54MM) SILICONE RADIATOR HOSE    | 54.1      | 5.08                | 64.26     | 1                |
| EP-70-225    | 2 1/4" (57MM) SILICONE RADIATOR HOSE    | 57.15     | 5.08                | 67.31     | 1                |
| EP-70-238    | 2 3/8" (60MM) SILICONE RADIATOR HOSE    | 60.3      | 5.08                | 70.46     | 1                |
| EP-70-250    | 2 1/2" (63.5MM) SILICONE RADIATOR HOSE  | 63.5      | 5.08                | 70.46     | 1                |
| EP-70-275    | 2 3/4" (70MM) SILICONE RADIATOR HOSE    | 69.85     | 5.08                | 80.01     | 1                |
| EP-70-287    | 2 7/8" (73MM) SILICONE RADIATOR HOSE    | 73.03     | 5.08                | 83.19     | 1                |
| EP-70-300    | 3" (76.1MM) SILICONE RADIATOR HOSE      | 76.2      | 5.08                | 86.36     | 1                |
| EP-70-350    | 3 1/2" (89MM) SILICONE RADIATOR HOSE    | 88.9      | 5.08                | 99.06     | 1                |
| EP-70-400    | 4" (102MM) SILICONE RADIATOR HOSE       | 101.6     | 5.08                | 111.76    | 1                |
| EP-70-450    | 4 1/2" (114.3MM) SILICONE RADIATOR HOSE | 114.3     | 5.08                | 124.46    | 1                |
| EP-70-500    | 5" (127MM) SILICONE RADIATOR HOSE       | 127       | 5.08                | 137.16    | 1                |
| EP-70-550    | 5 1/2" (140MM) SILICONE RADIATOR HOSE   | 139.7     | 5.08                | 149.86    | 1                |

## SILICONE WET EXHAUST



### Applications:

Marine & Engine Applications

### Construction:

Multi-ply reinforced silicone construction  
Heavy duty wall for marine exhaust systems  
Polyester reinforced for pressure stability  
Designed for wet exhaust applications (water-cooled exhaust systems)  
Suitable for vibration and engine movement

### Temperature Range:

Minimum: -54°C  
Maximum: +177°C

### Performance Features:

High heat resistance  
Designed for continuous marine exhaust use

Resistant to:

- Saltwater exposure
- Engine coolant
- Ozone
- UV
- Ageing and cracking

Good flexibility with structural stability

Maintains integrity under marine vibration conditions

### Suitable Applications:

Marine wet exhaust systems  
Water-injected exhaust lines  
Engine exhaust connections  
High temperature marine cooling systems

### Not Recommended For:

Dry exhaust systems without water cooling  
Fuel or oil transfer  
Hydrocarbon transfer  
Concentrated chemical transfer

| Product Code | Description                              | I.D. (mm) | Wall Thickness (mm) | O.D. (mm) |
|--------------|------------------------------------------|-----------|---------------------|-----------|
| EP-22-0400   | 4" (102MM) PUROSIL SILICONE WET EXHAUST  | 102       | 12                  | 114       |
| EP-22-0600   | 6" (152MM) PUROSIL SILICONE WET EXHAUST  | 152       | 13                  | 165       |
| EP-22-0800   | 8" (203MM) PUROSIL SILICONE WET EXHAUST  | 203       | 14                  | 217       |
| EP-22-1000   | 10" (254MM) PUROSIL SILICONE WET EXHAUST | 254       | 14                  | 268       |
| EP-22-1200   | 12" (305MM) PUROSIL SILICONE WET EXHAUST | 305       | 15                  | 320       |

## SILICONE HUMP HOSE



### Applications:

Wet Exhaust – Marine Applications

### Construction:

Multi-ply reinforced silicone construction

High-quality polyester reinforcement

Available in:

- 4 ply (standard bore)
- 6 ply (large bore)

Single hump or double hump configurations

Designed for flexibility in wet exhaust systems

Smooth internal bore for unrestricted flow

### Temperature Range:

-53.9°C to +176.6°C  
(-65°F to +350°F)

### Compliance:

Meets and exceeds SAE J2006 industry standards

### Performance Features:

High performance marine-grade construction

Designed to absorb:

- Engine movement
- Vibration
- Thermal expansion
- Minor misalignment

Excellent resistance to:

- Saltwater
- Ozone
- UV exposure
- Ageing and cracking

High burst strength

Suitable for continuous wet exhaust service

### Configuration Options:

#### Single Hump

Flexible connector for wet exhaust marine applications

SAE J2006 compliant for reliability and safety

Available in large bore sizes up to 20 inches

#### Double Hump

Increased flexibility for high movement applications

SAE J2006 compliant

Available in large bore sizes up to 20 inches

### Suitable Applications:

Marine wet exhaust systems

Water-injected exhaust lines

Engine exhaust connections

High movement marine installations

### Not Recommended For:

Dry exhaust systems (without water cooling)

Fuel or oil transfer

Hydrocarbon transfer

| Product Code  | Description                     | I.D. (mm) | Wall Thickness (mm) | O.D. (mm) | Roll Length (mt) |
|---------------|---------------------------------|-----------|---------------------|-----------|------------------|
| EP-76-175-600 | 45MM SILICONE SINGLE HUMP HOSE  | 44        | 5                   | 49        | 76               |
| EP-76-200-600 | 51MM SILICONE SINGLE HUMP HOSE  | 51        | 5                   | 56        | 76               |
| EP-76-225-060 | 57MM SILICONE SINGLE HUMP HOSE  | 57        | 5                   | 62        | 76               |
| EP-76-250-600 | 63MM SILICONE SINGLE HUMP HOSE  | 63        | 5                   | 68        | 76               |
| EP-76-300-600 | 76MM SILICONE SINGLE HUMP HOSE  | 76        | 5                   | 79        | 76               |
| EP-76-350-060 | 89MM SILICONE SINGLE HUMP HOSE  | 89        | 5                   | 94        | 76               |
| EP-76-400-600 | 100MM SILICONE SINGLE HUMP HOSE | 102       | 5                   | 107       | 76               |
| EP-76-450-060 | 114MM SILICONE SINGLE HUMP HOSE | 114       | 5                   | 119       | 76               |
| EP-76-500-600 | 127MM SILICONE SINGLE HUMP HOSE | 127       | 5                   | 132       | 76               |

## PUROSIL SILICONE 90DEG BEND



### Applications:

Automotive - Heavy Duty - Industrial

### Construction:

4-ply silicone polyester reinforced configuration

High-strength polyester reinforcement for pressure stability  
Smooth internal bore for consistent airflow or coolant flow

Engineered 90° elbow design for compact routing

### Temperature Range:

-53.9°C to +176.6°C

(-65°F to +350°F)

### Performance Features:

UV resistant

Ozone resistant

Excellent resistance to:

- Coolants
- Heat cycling
- Ageing and cracking

Maintains structural integrity under vibration

High burst strength for heavy-duty cooling systems

### Suitable Applications:

Heavy-duty radiator systems

Charge air and boost connections

Coolant routing in tight engine bays

Truck and bus cooling systems

Industrial cooling systems

Marine cooling systems

### Not Recommended For:

Fuel transfer

Oil transfer (unless fluorosilicone lined)

Hydrocarbon transfer

Concentrated chemical transfer

| Product Code | Description                         | I.D. (mm) | Wall Thickness (mm) | O.D. (mm) | Roll Length (mt) |
|--------------|-------------------------------------|-----------|---------------------|-----------|------------------|
| EP-90-100    | 25MM PUROSIL SILICONE 90 DEG BEND   | 25        | 11                  | 36        | 152              |
| EP-90-150    | 38.1MM PUROSIL SILICONE 90 DEG BEND | 38.1      | 9                   | 47        | 152              |
| EP-90-175    | 44.5MM PUROSIL SILICONE 90 DEG BEND | 44.5      | 9                   | 54        | 152              |
| EP-90-200    | 50.8MM PUROSIL SILICONE 90 DEG BEND | 50.8      | 10                  | 62        | 152              |
| EP-90-225    | 57MM PUROSIL SILICONE 90 DEG BEND   | 57        | 11                  | 68        | 152              |
| EP-90-250    | 63.5MM PUROSIL SILICONE 90 DEG BEND | 63.5      | 10.5                | 74        | 152              |
| EP-90-300    | 76.1MM PUROSIL SILICONE 90 DEG BEND | 76.1      | 10.1                | 86        | 152              |
| EP-90-350    | 89MM PUROSIL SILICONE 90 DEG BEND   | 89        | 11                  | 100       | 152              |
| EP-90-400    | 102MM PUROSIL SILICONE 90 DEG BEND  | 102       | 8                   | 110       | 152              |