

SILICONE VS EPDM

A Head-To-Head Comparison

ATTRIBUTE

SILICONE

Vs

EPDM

Excellent
Up to 500°F



TEMPERATURE CAPACITY



Moderate
Up to 250°F

10 Years



AVERAGE SERVICE LIFE



2 years

Excellent



COMPRESSION SET



Poor

1 hose per connection
(up to 4 connection points per engine)



COST OF OPERATION



3 hoses per connection
(up to 12 connections per engine)

1 initial installation
0 replacement installations

RISK FACTOR



1 initial installation
2 replacement installations

Install it and forget it



Potential for High Risk

350°F



SAE J20 TEMPERATURE ACCEPTANCE



257°F

20 Years



GOVERNMENT ACCEPTED SHELF LIFE



5 Years

- **Initial Cost:** 1.25x more than **EPDM** on average.
- **Compression Set:** Half the permanent set of **EPDM** - this means the clamps stay 50% tighter with silicone.
- **2500 Hour Cold Leak Test:** Stayed soft, pliable, and maintained high burst values. **EPDM** became stiff, brittle, and the burst values were jeopardized (some burst as low as 25psi)

DON'T RISK DOWNTIME, CHOOSE SILICONE

Keep your trucks on the road with Flexfab's

HIGH PERFORMANCE SILICONE HOSE

HOSE AND CLAMP KITS

- ✓ **Extreme Temperature Resistance**
-65°F – 500°F (-54°C – 260°C)
- ✓ **Easy Installment**
Clamp Saddle & I.D. Chamfer
Prevents Improper Alignment



PART NUMBER	INSIDE DIAMETER INCH	LENGTH INCHES	MAX OPERATING PRESSURE - PSI
KIT4001D	4.00	6.00	70
	4.06	N/A	N/A
KIT4002D	4.00	6.00	70
	4.06	N/A	N/A
KIT4003D	4.00	8.00	50
	4.06	N/A	N/A
KIT4004D	3.50	6.00	70
	3.56	N/A	N/A
KIT4005D	3.00	6.00	70
	3.06	N/A	N/A

1' COOLANT HOSE KITS

- ✓ **Extreme Temperature Resistance**
-65°F – 500°F (-54°C – 260°C)
- ✓ **Superior Clamp Retention**
- ✓ **OEM Standard Durable Construction**



PART NUMBER	INSIDE DIAMETER INCH	LENGTH INCHES	ACTUAL BURST PRESSURE - PSI
KIT3001D	2.00	12.00	250
	1.75	N/A	N/A
KIT3002D	2.25	12.00	225
	2.25	N/A	N/A
KIT3003D	2.50	12.00	200
	2.25	N/A	N/A
KIT3004	3.00	12.00	200
	2.75	N/A	N/A

HEATER HOSE REPAIR KITS

- ✓ **Quick Repairs on the Road**
Reduce Engine Downtime
- ✓ **Lasts Until Next Service**
- ✓ **Anodized Aluminum Construction**
Corrosion Resistance



PART NUMBER	OUTSIDE DIAMETER		USE WITH
	INCH	MM	
KIT5001D	0.63	16	5526-062
	N/A	N/A	-
KIT5002D	0.75	19	5526-075
	N/A	N/A	-
KIT5003D	1.00	25	5525-100
	N/A	N/A	-