SILICONE VS EPDM

A Head-To-Head Comparison

Flexfab®
Engineering trust. Around the world.™

WHY SILICONE?

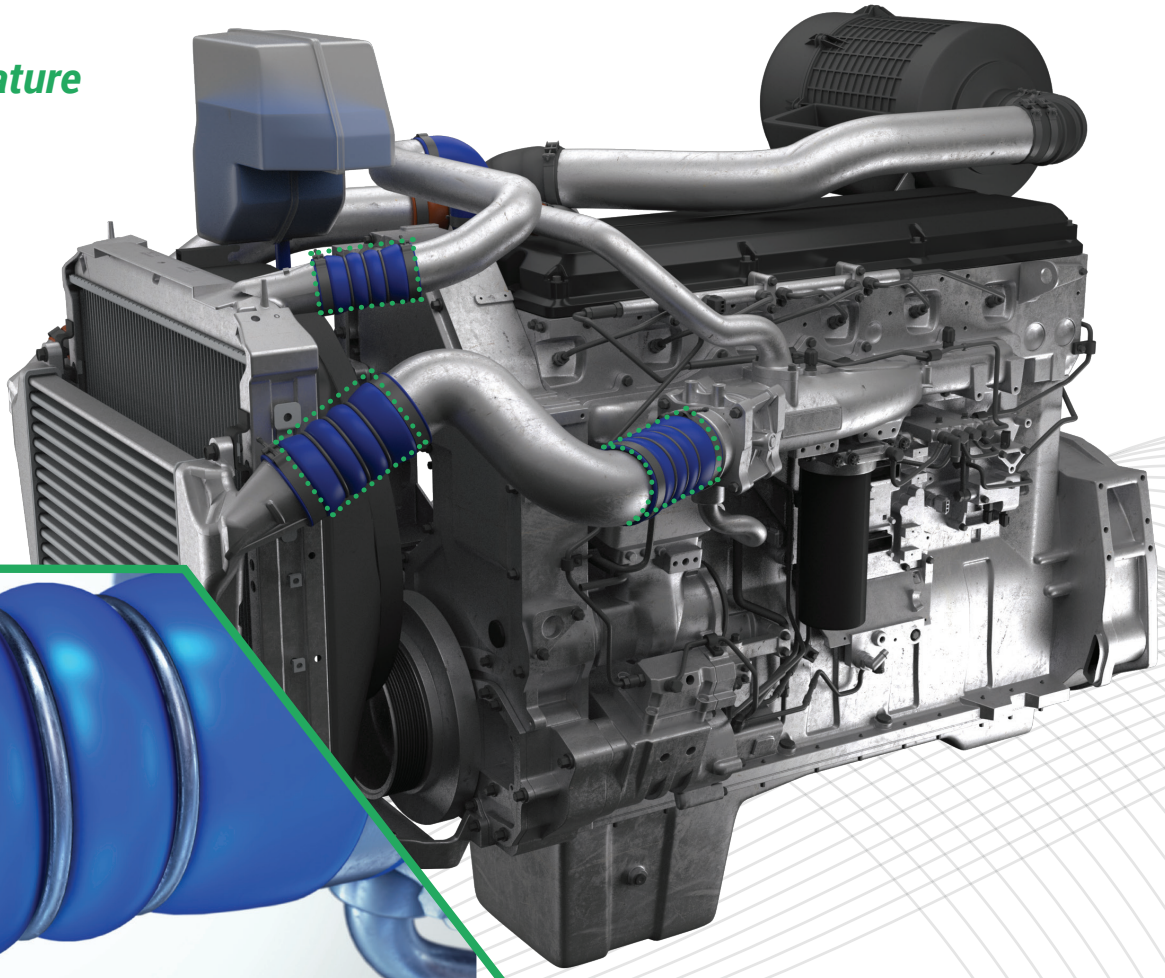
+ Extreme Temperature Resistance

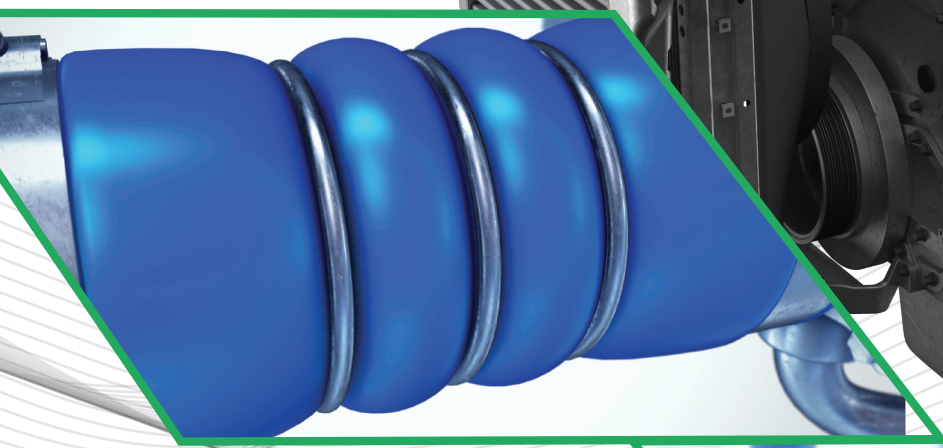
-65°F – 500°F

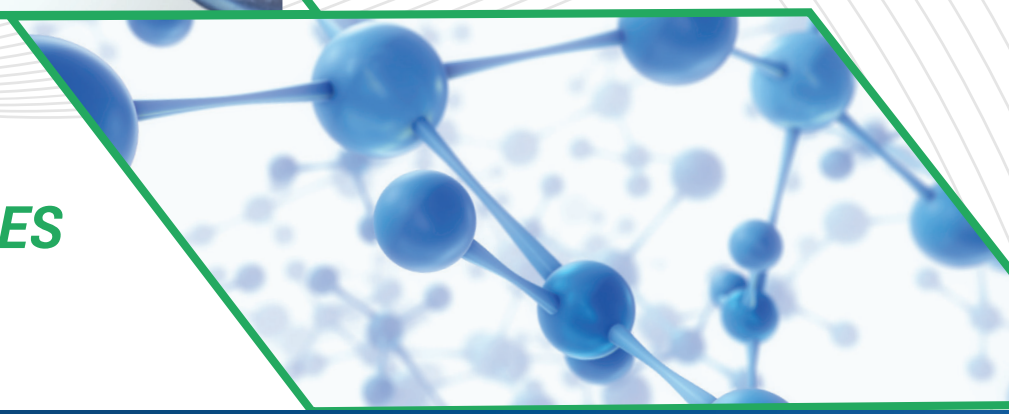
+ Superior Clamp Retention

Prevents Leakage

+ Superior Service Life







+ SILICONE MOLECULES

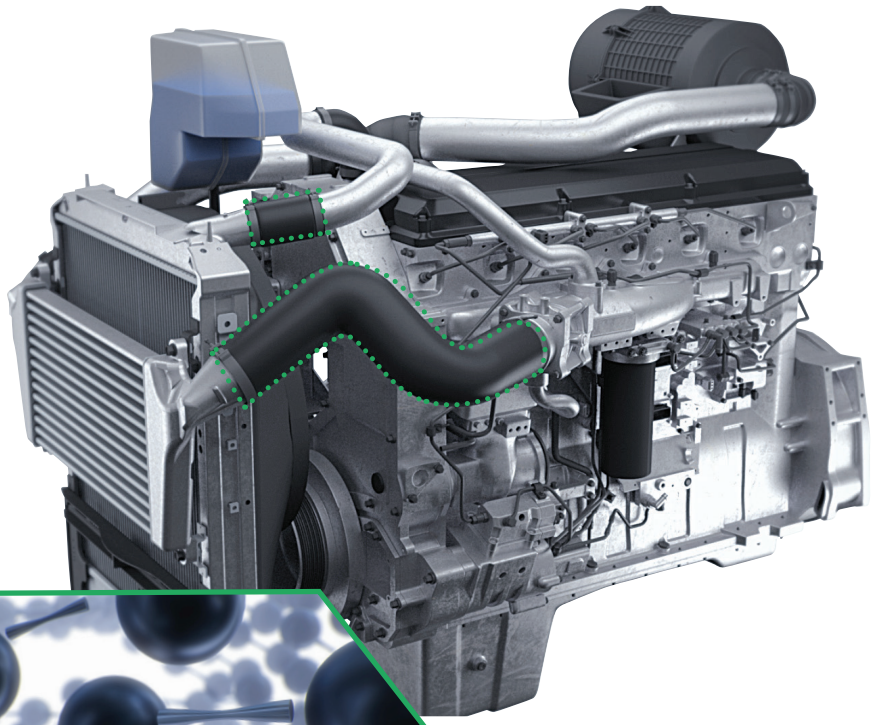
22% Stronger Bond

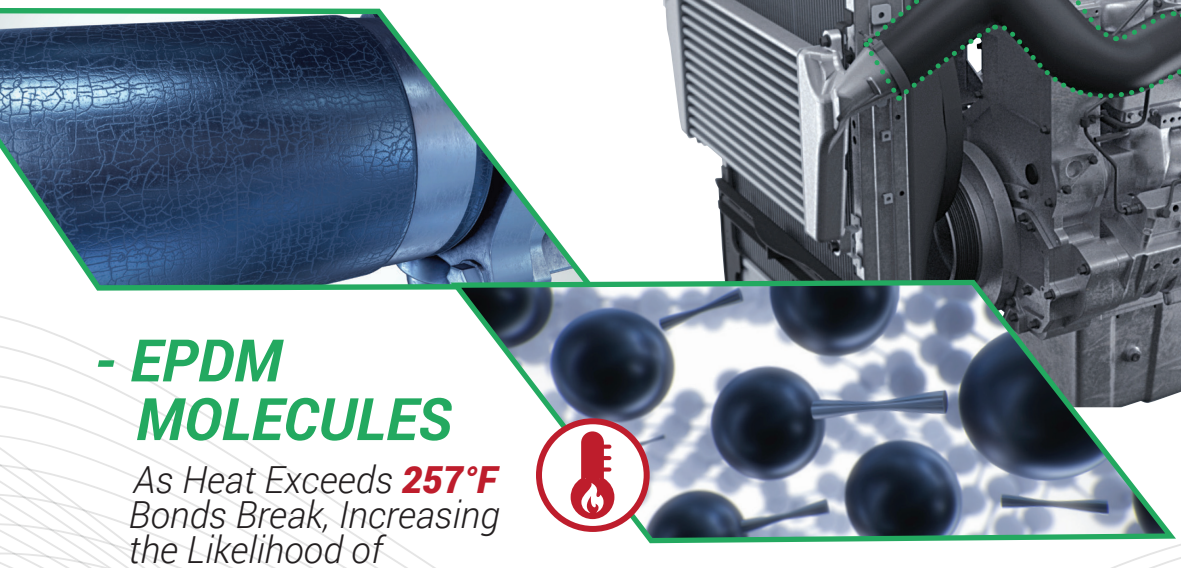
To learn how silicone components
can improve your company's bottom line, **visit flexfab.com**

SIDE–BY–SIDE THERE'S NO COMPARISON

EPDM:

- ***Inferior Clamp Retention***
  Increased Probability Of Leakage
- ***Limited Flexibility***
- ***Inferior Service Life***

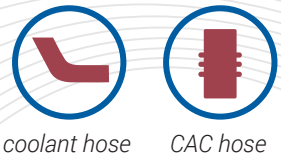




- EPDM MOLECULES

*As Heat Exceeds **257°F** Bonds Break, Increasing the Likelihood of Hose Deterioration*

Silicone Solutions



SILICONE VS EPDM

SILICONE	ATTRIBUTE	EPDM
443 KJ/MOL	Bond Strength	355 KJ/MOL
20 Years	Chemical Shelf Life	5 Years
Flexible	Intermolecular Force	Rigid
-65° F to +500° F	Temperature Range	-40°F to +257° F
+	Clamp Retention / Compressibility	-
+	Flexibility	-
+	Leak Prevention	-
+	Elasticity	-

Don't Risk Downtime, **Choose Silicone**

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ZZZ-42941 04.18

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