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Diaphragm Seals

PIP #: DS-PI-55D

Applicable to:
All Diaphragm Seals

HIGH TEMPERATURE FILL FLUID FOR DIAPHRAGM SEALS

The Syltherm™ 800 fill fluid (XHA), made by Dow Corning Corporation, Midland, Michigan is recommended for high temperature applications. Syltherm™ is a silicone based fluid and it is NOT recommended for applications where the process media is a strong oxidizing agent such as Chlorine, Oxygen, Sulfuric Acid among others. Syltherm™ can withstand temperatures from 40°F to 750°F. Standard Silicone (XCK) can withstand temperatures from 40°F to 500°F.

The availability of high temperature fill fluid does not mean that all seals can be used where the temperature at the seal exceeds 500°F. The following limitations will apply:

SEAL TYPE	DIAPHRAGM MATERIAL TYPE	MAXIMUM TEMP. °F
100/107	Metallic	600
200/207	Metallic	750
300/302	Teflon	400
300/302	Viton	350
310/315	Metallic	750
311/312	Metallic	750
330	Metallic	750
400/401	Metallic	750
500/501	Metallic	750

Syltherm is a trademark of Dow Corning Corporation.

All specifications are subject to change without notice.
All sales subject to standard terms and conditions.
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