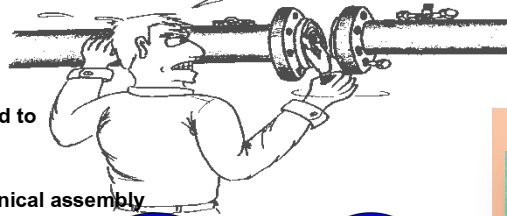


Gasket Sealing Products : ปะเก็นแผ่น

What is a Gasket ?

A gasket is any deformable material that is used to create a static seal and maintain that seal under various operating conditions in a mechanical assembly



Gasket Selection

Selection Criteria : **STAMP**

S = Size

Standard sheet : Wide X Length X Thickness

Standard Cutting size : Ring Face (RF) or Full Face (FF)

Flange Pressure Standard : ANSI ,JIS, DIN)

Non-Standard with Drawings size and made to order

T = Temperature

Maximum spikes ,Thermal Cycling ,Cryogenics

A = Application

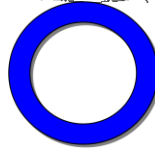
Used in Pumps, valve ,Boilers, pipelines & static apparatus

M = Media

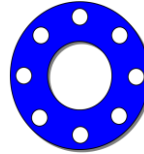
For Gas, Liquids ,Hydrocarbons,Strong oxidizers,Strong alkalins,Strong acids

P = Pressure

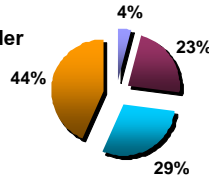
Constant, Surging, Hammer, Thermal expansion of incompressible fluids



(Ring Gasket)



(Full Face Gasket)



Non-asbestos and asbestos Sheet



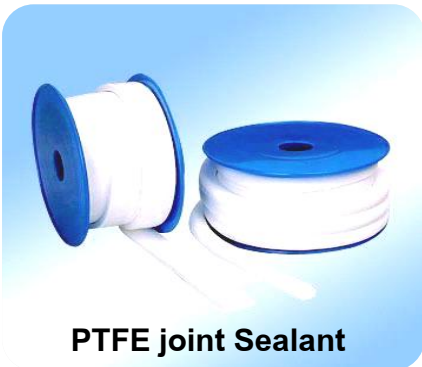
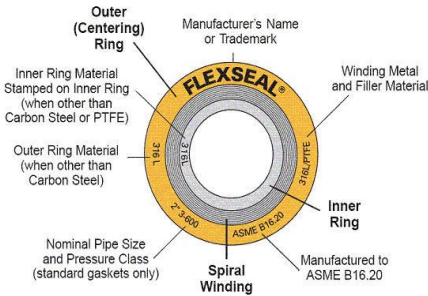
Rubber Sheet



PTFE Gasket



Insulation Gasket



PTFE joint Sealant



Envelope Gasket



Graphite/Carbon Gasket



Cutting Gasket



Rubber Gasket

PTFE Gasket



Metallic/Semi Metallic Gasket

Compression Packing Sealing Products: ปะเก็นเชือก

Compression Packing Selection

Selection Criteria : STAMPS

S = Size

Square Cross Section = (OD-ID) / 2

ID and OD for die formed rings

T = Temperature

Some critical temperature limits (500 / 850 / 1200 F)

A = Application type of equipment

Rotary / Recip / Static Pump / Valve
 Mixer /Boilers feed pumps, and agitator

M = Media : Fluid being sealed

Does it contain Solids ? Is it an Oxidizer ?

Is it regulated by the EPA ? Is it toxic ?

For Gas, Liquids ,Powder, Strong Chemicals
 Sand,Slurry and salty solution,Food Solution

P = Pressure

Constant, Surging, Hammer, Thermal expansion of incompressible fluids

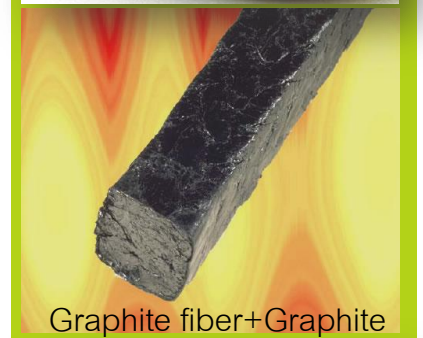
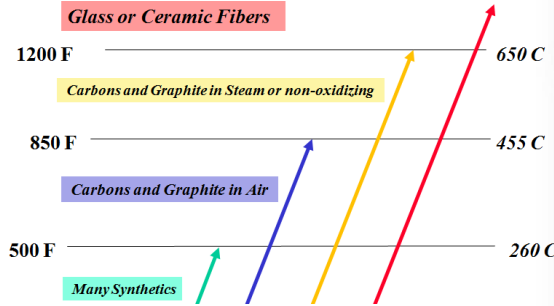
S = SPEED

Keep in mind the difference between FPM and RPM

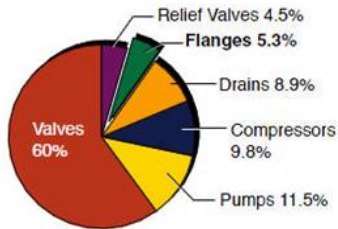
To Convert: FPM = RPM x Shaft Dia. (in) x 0.26



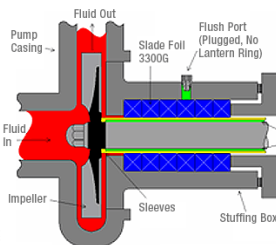
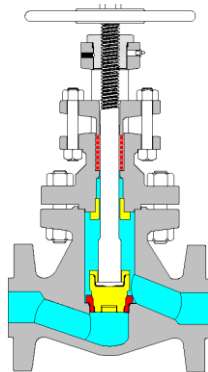
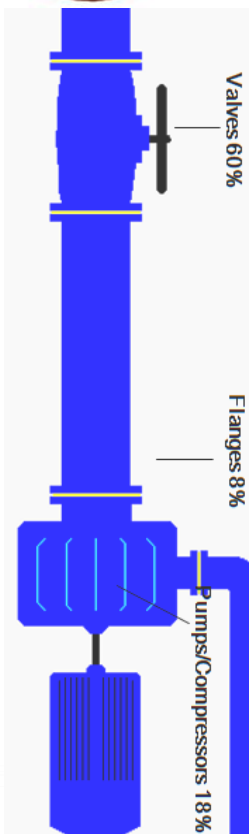
Temperature Limits of Packing Materials



Lost Emission in your Plant



Equipment requiring sealing compliance.



Other Sealing Products / ซีลแบบอื่น ๆ

