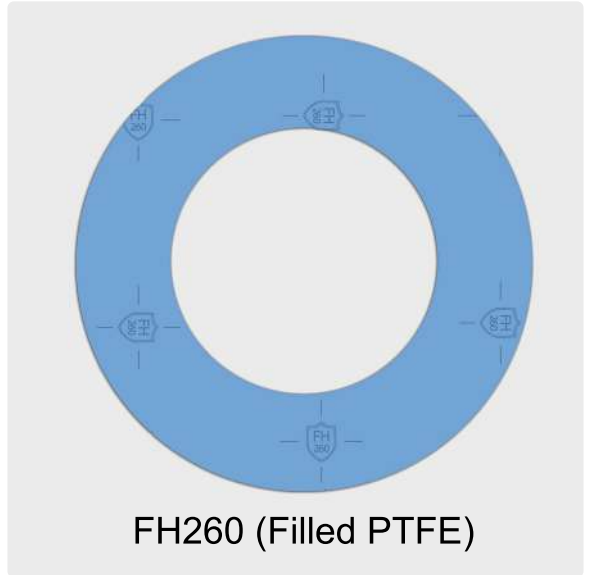


SPECIFICATION SHEET

FH260 (Filled PTFE)

Mechanical performance can be greatly improved and other good property of virgin ptfе is maintained by special filler which is called **Filled PTFE**

Virgin ptfе has good overall performance such as heat or cold resistance, non adhesiveness, self lubrication, good dielectricity, and low friction coefficient. However compared with other plastics. It's mechanical performance is not good in low abrasion and creep resistance, low hardness.



Properties	Unit	Result
Specific Gravity	g/cm ³	2.1-2.3
Max Continuous Operating Temp :	°C	260
Max Short Term Operating Temp (3-4 hrs)	°C	310
Tensile Strength :	Mpa	17
Hardness Rockwell :		M64
Co-efficient of thermal Expansion	m/(m.k) x 10 ⁻⁶	1.36
Flammability Oxygen Index :	%	530
Surface Resistivity	Ohms	>1x10 ¹⁶
Density ASTM F 1315		2.8
Temperature Operation Range	°C	-260 / +260
Pressure	Mpa	8.5-12
Compression DIN 3536-6	%	>4.3
Recovery DIN 3536-6	%	>2.1
PH range		0 - 14

Key Features

- Extremely good chemical resistance against virtually all media.
- Wide temperature range (-260°C to +260°C)
- Good sliding properties
- Improved dimensional stability
- Improved creep resistance

Application

Pump housing, valve seats, gaskets, roller coverings, slide bearing, filter housings, etching plates, high frequency insulation, shaft seals, slide runners, chemical engineering, machine parts, transport and conveyor technology , pump and instrument construction, electrical industry , electronic, laser technology, fume purification, pure water production, cryogenics, filter technology, food and medical technology.