



DATASHEET

P.T.F.E. 50% INOX

50% VIRGIN PTFE + 50% STAINLESS STEEL

TECHNICAL DATA

Properties	Test method	Unit of measure	Value
Specific weight	ASTM D792	g/cm ³	3,360 – 3,410
Tensile strength	ASTM D638	Mpa	20.0
Elongation at break	ASTM D638	%	120 - 180
Shore D hardness	DIN 53 505	Sh. D	63
Deformation under load	ASTM D695	%	6 - 7
Compressive strength	DIN 53 454	N/mm ²	15,00
Thermal conductivity	DIN 52612	W/K.m	0.63
Maximum Service Temperature, Air	Continuous Service	C°	260
FDA Certification	-	-	NO

PTFE FILLED 50% STAINLESS STEEL

High compression resistance, only for low PV-values.
Used for seats in steam valves

(very low cold flow)
Low permeability .

PTFE is an incredibly versatile material used across many industries,
thanks to its stable and durable characteristics and affordability.

