

**TO WHOM SO EVER IT MAY CONCERN.**  
**PROPERTIE OF STYLE - 52 P.T.F.E. GLAND PACKING**



1. Description : P.T.F.E. PACKINGS
2. Ingredient : Poly tetra Fluoro Ethylene Yarn and Dispersion (100%)
3. Construction : High tensile yarn made of special grade PTFE and impregnated with PTFE dispersion.

**Properties of P.T.F.E. Fine Powder:**

Properties	Test Method	Unit	Nominal Value
<b>Powder Properties</b>			
Bulk Density	ASTM D 4895	g/l	500
Average particle size (d <sub>50</sub> )	ASTM D 4895	µm	525
<b>Processing</b>			
Extrusion pressure (Reduction ratio 400:1)	ASTM D 4895	MPa (psi)	35 (5076)
<b>Mechanical Properties</b>			
Std. specific gravity (SSG)	ASTM D 4895	-	2.175
Tensile Strength	ASTM D 4895	Mpa (psi)	33 (4786)
Elongation	ASTM D 4895	%	330

**Properties of P.T.F.E. Dispersion:**

Properties	Test Method	Unit	Nominal value
Solid content (% PTFE resin by weight)	ASTM D4441/DIN EN ISO 12086	%	60
Surfactant content on PTFE solids	ASTM D4441/DIN EN ISO 12086	%	6
Specific gravity	ASTM D4441/DIN EN ISO 12086	-	1.51
Average particle size	INTERNAL	Nm	230
pH of dispersion	ASTM E70/DIN ISO 976	-	>9.5

**Service Parameters :**

Service Parameters	Temp.	pH	Pressure	Velocity
	°C	Range	Kg/cm <sup>2</sup>	Mtrs/Sec
	-200 to +260	0-14	100	5

KOHINOOR, CROWN & COOPER PTFE TAPE,  
KOHINOOR NON-ASBESTOS PACKINGS  
& EXPANDED PTFE GASKET