



G6030/6040/6050

Modified PTFE Sheet / Gasket

G6030/6040/6050 structural PTFE gasket sheets prepared through unique process rendering excellent action of original fibers, eliminating the problems of creep relax and cold-medium occurring in common (cut or molded) PTFE sheets. Applicable in various corrosive medium, including hydrocarbons acids, caustic lye, solvents, water, steam, hydrogen peroxide and refrigerants, and suitable for pressure-sensitive and brittle flange connections (such as glass, ceramics and plastics) because of the high compression of the used materials.

Standard Size

Specification: 1500mm(length) x 1500mm(width)

Thickness: 0.5; 1.0; 1.5; 2.0; 2.5; 3.0(mm)

Main properties:

Physics properties	Test Method	G6030	G6040	G6050
Colour		Blue	Off white	Fawn
PH Range		0-14	0-14	0-14
Applicable Pressure		55	83	83
Applicable Temperatures	≥30	-200~260	-200~260	-200~260
P X T (bar x °C)	1.5mm	12000	12000	12000
	3.0mm	8600	8600	8600
Compressibility	ASTM F 36 A		4-10	7-12
Recovery	ASTM F 36 A	30	40	40
Tensile strength	ASTM 152	14	14	14
Density	ASTM D 792	1.70	2.90	2.10
Creep relaxation	ASTM F 38	40	11	18
Leakage (ml/hr)	ASTM F 37 A	0.12		



G8000

PK (PTFE-PHB) Composite



A novel engineering material compounding with PTFE resin and PHB, having good wearing, high temperature and creep-resistance. Applicable environment: temperature $-200\sim 300^{\circ}\text{C}$, pressure 25MPa, and 0~14 pH.

Used as seals for flanges, box connectors and valves.

Supply range: Molded parts such as tubes, rods, "O" rings, gaskets, fillers and valve seats.