



**Technical Specification & Requirement For
“Procurement of Gland Packing at ITPS.”**

Gland Packing Specification and Requirement

This section of the specification covers the supply and delivery of Gland Packing as per below mentioned technical specification and quantity (**PART-A & PART B**).

GLAND PACKING SPECIFICATION

S.No	ITEM DESCRIPTION	UOM	Total quantity	PART-A	PART-B	Unit Rate (Rs)	Amount (Rs)
1	Expanded pure graphite braided gland packing reinforced with inconel wire impregnated with hightherm dispersion, incorporated with sacrificial metal corrosion inhibitor suitable for temp: 650 °C & Pressure-450 Bar, Ph-0 to 14, High pressure valves, size-6mm	KG	5	1	4		
2	Expanded pure graphite braided gland packing reinforced with inconel wire impregnated with hightherm dispersion, incorporated with sacrificial metal corrosion inhibitor suitable for temp: 650 °C & Pressure-450 Bar, Ph-0 to 14, High pressure valves, size-8mm	KG	30	8	22		
3	Expanded pure graphite braided gland packing reinforced with inconel wire impregnated with hightherm dispersion, incorporated with sacrificial metal corrosion inhibitor suitable for temp: 650 °C & Pressure-450 Bar, Ph-0 to 14, High pressure valves, size-10mm	KG	35	10	25		
4	Expanded pure graphite braided gland packing reinforced with inconel wire impregnated with hightherm dispersion, incorporated with sacrificial metal corrosion inhibitor suitable for temp: 650 °C & Pressure-450 Bar, Ph-0 to 14, High pressure valves,	KG	40	10	30		

	size-12mm						
5	Expanded pure graphite braided gland packing reinforced with inconel wire impregnated with hightherm dispersion, incorporated with sacrificial metal corrosion inhibitor suitable for temp: 650 °C & Pressure-450 Bar, Ph-0 to 14, High pressure valves, size-16mm	KG	40	10	30		
6	Expanded pure graphite braided gland packing reinforced with inconel wire impregnated with hightherm dispersion, incorporated with sacrificial metal corrosion inhibitor suitable for temp: 650 °C & Pressure-450 Bar, Ph-0 to 14, High pressure valves, size-18mm	KG	40	10	30		
7	Expanded pure graphite braided gland packing reinforced with inconel wire impregnated with hightherm dispersion, incorporated with sacrificial metal corrosion inhibitor suitable for temp: 650 °C & Pressure-450 Bar, Ph-0 to 14, High pressure valves, size-20mm	KG	40	10	30		
8	Expanded pure graphite braided gland packing reinforced with high grade structural carbon yarn impregnated with hightherm dispersion, corrosion inhibitor suitable for temp: 600 °C & Pressure-150 Bar, Ph-0 to 14, HP/LP Valves,Size-4mm	KG	5	2	3		
9	Expanded pure graphite braided gland packing reinforced with high grade structural carbon yarn impregnated with hightherm dispersion, corrosion inhibitor suitable for temp: 600 °C & Pressure-150 Bar, Ph-0 to 14, HP/LP Valves,Size-6mm	KG	5	2	3		

10	Expanded pure graphite braided gland packing reinforced with high grade structural carbon yarn impregnated with hightherm dispersion, corrosion inhibitor suitable for temp: 600 °C & Pressure-150 Bar, Ph-0 to 14, HP/LP Valves,Size-8mm	KG	10	2	8		
11	Expanded pure graphite braided gland packing reinforced with high grade structural carbon yarn impregnated with hightherm dispersion, corrosion inhibitor suitable for temp: 600 °C & Pressure-150 Bar, Ph-0 to 14, HP/LP Valves,Size-10mm	KG	20	5	15		
12	Expanded pure graphite braided gland packing reinforced with high grade structural carbon yarn impregnated with hightherm dispersion, corrosion inhibitor suitable for temp: 600 °C & Pressure-150 Bar, Ph-0 to 14, HP/LP Valves,Size-12mm	KG	20	5	15		
13	Expanded pure graphite braided gland packing reinforced with high grade structural carbon yarn impregnated with hightherm dispersion, corrosion inhibitor suitable for temp: 600 °C & Pressure-150 Bar, Ph-0 to 14, HP/LP Valves,Size-16mm	KG	20	5	15		
14	Expanded pure graphite braided gland packing reinforced with high grade structural carbon yarn impregnated with hightherm dispersion, corrosion inhibitor suitable for temp: 600 °C & Pressure-150 Bar, Ph-0 to 14, HP/LP Valves,Size-18mm	KG	20	5	15		
15	Expanded pure graphite braided gland packing reinforced with high grade structural carbon yarn impregnated with hightherm dispersion, corrosion inhibitor suitable for temp: 600 °C & Pressure-150 Bar, Ph-0 to 14, HP/LP Valves,Size-20mm	KG	20	5	15		
16	High grade expanded PTFE graphited yarn packing in interlock braid, heat dissipation	KG	5	2	3		

	ability & corrosion inhibitor suitable for Temp: 300°C & Pressure: 150 Bar, PH- 0 to 14, Pumps & valves,Size-6mm						
17	High grade expanded PTFE graphited yarn packing in interlock braid, heat dissipation ability & corrosion inhibitor suitable for Temp: 300°C & Pressure: 150 Bar, PH- 0 to 14, Pumps & valves,Size-8mm	KG	30	5	25		
18	High grade expanded PTFE graphited yarn packing in interlock braid, heat dissipation ability & corrosion inhibitor suitable for Temp: 300°C & Pressure: 150 Bar, PH- 0 to 14, Pumps & valves,Size-10mm	KG	40	10	30		
19	High grade expanded PTFE graphited yarn packing in interlock braid, heat dissipation ability & corrosion inhibitor suitable for Temp: 300°C & Pressure: 150 Bar, PH- 0 to 14, Pumps & valves,Size-12mm	KG	40	10	30		
20	High grade expanded PTFE graphited yarn packing in interlock braid, heat dissipation ability & corrosion inhibitor suitable for Temp: 300°C & Pressure: 150 Bar, PH- 0 to 14, Pumps & valves,Size-14mm	KG	20	5	15		
21	High grade expanded PTFE graphited yarn packing in interlock braid, heat dissipation ability & corrosion inhibitor suitable for Temp: 300°C & Pressure: 150 Bar, PH- 0 to 14, Pumps & valves,Size-16mm	KG	45	10	35		
22	High grade expanded PTFE graphited yarn packing in interlock braid, heat dissipation ability & corrosion inhibitor suitable for Temp: 300°C & Pressure: 150 Bar, PH- 0 to 14, Pumps & valves,Size-18mm	KG	40	10	30		
23	High grade expanded PTFE graphited yarn packing in interlock braid, heat dissipation ability & corrosion inhibitor suitable for Temp: 300°C &	KG	40	10	30		

	Pressure: 150 Bar, PH- 0 to 14, Pumps & valves,Size-20mm						
24	High grade expanded PTFE graphited yarn packing in interlock braid, heat dissipation ability & corrosion inhibitor suitable for Temp: 300°C & Pressure: 150 Bar, PH- 0 to 14, Pumps & valves,Size-22mm	KG	20	5	15		
25	Expanded pure PTFE packing in interlock braided suitable for pumps applications Temp : 130 °C, Pressure: 70 Bar, Pumps, Size-6mm	KG	10	3	7		
26	Expanded pure PTFE packing in interlock braided suitable for pumps applications Temp : 130 °C, Pressure: 70 Bar, Pumps, Size-8mm	KG	10	3	7		
27	Expanded pure PTFE packing in interlock braided suitable for pumps applications Temp : 130 °C, Pressure: 70 Bar, Pumps, Size-10mm	KG	10	3	7		
28	Expanded pure PTFE packing in interlock braided suitable for pumps applications Temp : 130 °C, Pressure: 70 Bar, Pumps, Size-12mm	KG	15	3	12		
29	Expanded pure PTFE packing in interlock braided suitable for pumps applications Temp : 130 °C, Pressure: 70 Bar, Pumps, Size-16mm	KG	20	5	15		
30	Expanded pure PTFE packing in interlock braided suitable for pumps applications Temp : 130 °C, Pressure: 70 Bar, Pumps, Size-18mm	KG	20	5	15		
31	Expanded pure PTFE packing in interlock braided suitable for pumps applications Temp : 130 °C, Pressure: 70 Bar, Pumps, Size-20mm	KG	20	5	15		
Total Amount (Excluding GST)							

Note: The vendor shall mention his product specification including Style no. which shall encompass the mentioned technical specification