



ห้างหุ้นส่วนจำกัด แจ็คคอนเน็คท์ไฟฟ้า (สำนักงานใหญ่)

เลขที่ 39/305 โครงการศุภลักษณ์ หมู่ที่ 4 ถนนพื้งสุขอุทิศ ตำบลบึงคำพร้อย อำเภอลำลูกกา

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Product Catalog: PTFE–Graphite Braided Packing

PTFE–Graphite Braided Packing is manufactured from a graphite–PTFE compound with lubricant, providing excellent thermal conductivity, high flexibility, volumetric stability, and long service life. It is suitable for pumps, mixers, agitators, and applications involving high temperature and high shaft speed.

Technical Specification	Value
Graphite Content	≥ 95.5%
Sulfur Content	≤ 1000 ppm
Chlorinity	≤ 50 ppm
Density	0.9 – 1.3 g/cm ³
Pressure Rating	≥ 30 MPa
Loss on Ignition	≤ 12%
Working Temperature	-200°C to +650°C
Max Shaft Speed	25 m/s
pH Range	0 – 14

Comparison Summary:

- PTFE–Graphite: Best all-around performance, high thermal conductivity, suitable for high-speed shafts.
- PTFE Pure: Excellent chemical resistance but lower heat tolerance.
- Graphite Pure: Best for extreme heat and pressure applications.
- Aramid: Superior abrasion resistance for slurry and abrasive media.

