GRAPHITE YARN PACKINGS

ML 4444 GRAPHITE PACKING

Construction: Multi-Lok Braid
Features: The highest quality chemically resistant graphite yarns are twisted together and braided in a Multi-Lok fashion. This packing has as extremely low coefficient of friction. The light weight yarn provides more feet of length per pound than standard non-asbestos or PTFE packings. Graphite is a heat conductor and dissipates heat in the stuffing box, permitting higher shaft speeds and less leakage than other packings.
Equipment: All rotating and reciprocating shafts, valves and agitators.
Recommended For: Strong caustics, acids, chemicals and high pressure steam.
Service Conditions: Temperatures to 1200°F/649°C in steam; 800°F/427°C in oxidizing atmospheres; pH range 0-14; not recommended for fuming nitric acid, oleum and fluorine.

ML 4444

ML 4500 ULTRA-GRAPHITE PACKING

Construction: Multi-Lok Braid
Features: Manufactured from pure graphite yarns impregnated with a fine sub micron powder of inorganic graphite. A surface lubricant is applied to prevent wicking and to provide a bearing film between the shaft and the packing material.
Equipment: Valves (end rings only with flexible graphite center rings), high speed shafts, agitator shafts, reciprocating rods and plunger rods where minimum leakage is required under severe service conditions.
Recommended For: Strong acids and strong caustics throughout the full pH range. ML 4500 is virtually inert.
Service Conditions: Not recommended for oleum, fuming nitric acid and fluorine; temperatures to 6000°F/3316°C in non-oxidizing agents, 1200°F/649°C in steam; 800°F/427°C in oxidizers.
CAN BE NUCLEAR CERTIFIED

ML 4500

CARBON YARN PACKINGS

ML 4460 CAR-GRAF PACKING

Construction: Multi-Lok Braid
Features: Car-Graf is a unique combination of amorphous carbon yarns treated throughout with fine particles of graphite.
Treatment: Treated throughout with graphite.
Equipment: General service on rotary and reciprocating shafts, high temperature valves as end rings.
Recommended For: All chemical services in which carbon is suitable.
Service Conditions: Shaft speeds to 4000 FPM; temperatures to 650°F/345°C in oxidizing atmospheres; 1200°F/650°C in steam; pH range 0-14 except in strong oxidizers.

ML 4460