



GENERAL SERVICE PACKINGS

ML 8004 ARAMID REINFORCED PACKING

Construction: Multi-Lok Braid

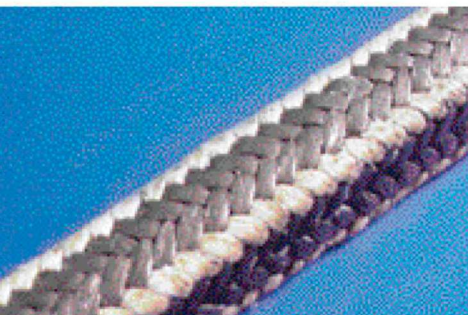
Features: The PTFE fibers are specially treated with finely ground particles of graphite to increase thermal conductivity and reduce thermal expansion. The corners are made of an aramid filament yarn to reduce extrusion and increase pressure and strength characteristics.

Treatment: Light coat of inert break-in oil.

Equipment: Paper mill stock pumps, agitators or any service where strength and good lubricating qualities are needed.

Recommended For: All type paper mill applications where graphite is suitable.

Limitations: Shaft speeds to 2500 FPM; temperatures to 500°F/260°C; pH range 3-11.



ML 8004

GRAPHITE YARN PACKINGS

ML 2001 BRAIDED FLEXIBLE GRAPHITE PACKING

Construction: Multi-Lok Braid

Features: Pure homogenous graphite bonded to a fiberglass carrier for strength and thermal stability. It has no added lubricants or binders to cook out or become brittle.

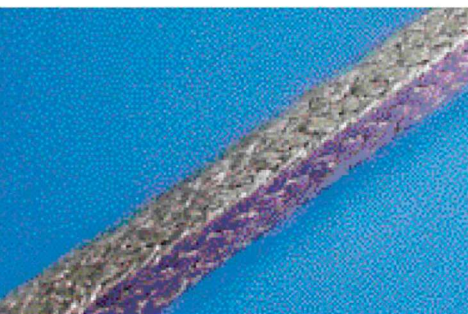
Treatment: None.

Equipment: Pumps and valves, volatile organic chemical service.

Recommended For: Rotating shafts where high shaft speeds and thermal conductivity are required.

Limitations: Shaft speeds to 4000 FPM; temperatures to 850°F/454°C in oxidizing conditions; 1200°F/649°C in steam; pH range 0-14 except strong oxidizers.

Note: For valve service Styles ML2001Z with zinc corrosion inhibitor and ML2001P with a passivating corrosion inhibitor are available.



ML 2001

ML 2001CC CARBON REINFORCED PACKING

Construction: Multi-Lok Braid

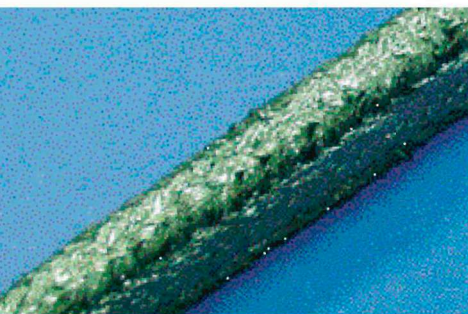
Features: Pure homogenous graphite bonded to a fiberglass carrier for strength and thermal stability. The carbon corners make the packing even tougher and helps minimize packing extrusion.

Treatment: None.

Equipment: The carbon corners allow the packing to be used on worn equipment where packing extrusion could otherwise be a problem.

Recommended For: Rotating shafts where high shaft speeds and thermal conductivity are required.

Limitations: Shaft speeds to 4000 FPM; temperatures to 850°F/454°C in oxidizing conditions; 1200°F/649°C in steam; pH range 0-14 except strong oxidizers.



ML 2001CC

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 an 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.

Limitations: 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 submicron 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*, high speed shafts, agitator shafts, reciprocating rods and plunger rods wherever minimum product leakage is required under severe service conditions.

Recommended For: Strong acids and strong caustics throughout the full pH range. It is virtually inert.

Limitations: 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

*End rings only in conjunction with flexible graphite rings when used in valve packing applications.

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.

Limitations: 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