GRAPHITE YARN PACKINGS

ML 4444 GRAPHITE PACKING

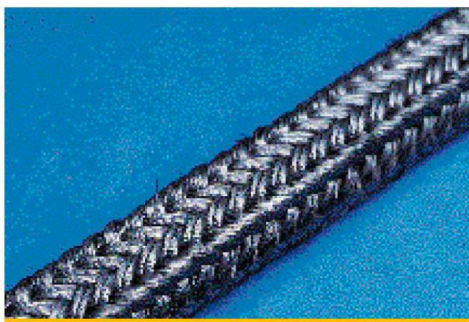
Construction: Multi-Lok Braid
Features: The highest quality chemically resistant graphite yarns are twisted together and braided in a Multi-Lok fashion. This packing has as extremely low coefficient of friction. The light weight yarn provides more feet of length per pound than standard non-asbestos or 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.
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.

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



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.
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**

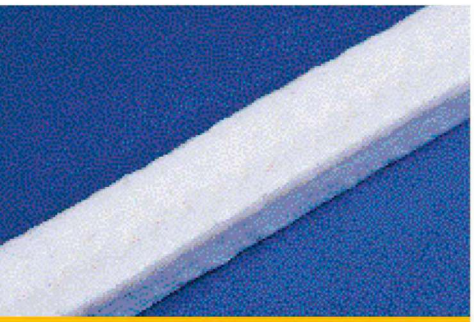
CARBON YARN PACKINGS

ML **4461**

ML 4461 CARLON PACKING

Construction: Multi-Lok Braid
Features: ML 4461 Carlon is a carbon filament packing treated with PTFE to help prevent color contamination and carbon migration.
Treatment: Each strand of the carbon yarn is treated and impregnated with a PTFE suspensoid, totally encapsulating the packing to prevent carbon filaments migrating into the system.
Equipment: Pulp mill equipment, steaming vessels, top separators, refiners, outlet devices, blow pumps, stock pumps, agitators and valves.
Recommended For: Most chemical services, except strong oxidizers.
Limitations: Shaft speeds to 3000 FPM; temperatures to 600°F/345°C; pH range 0-14.

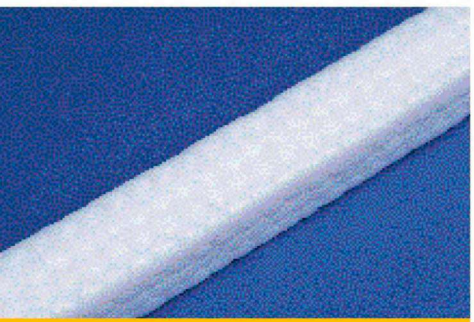
PTFE PACKINGS



ML **2235**

ML 2235 PRELUBED PTFE YARN PACKING

Construction: Multi-Lok Braid
Features: Unlike other PTFE fluorocarbon filament packing, Sealing Equipment pre-lubricates the yarns to provide a softer, more flexible packing, with improved peripheral speed characteristics and exothermic properties.
Equipment: Any equipment where braided packing is commonly used.
Recommended For: The most severe services. All oxidizers and corrosives with one exception: molten alkali metals.
Limitations: Shaft speeds to 1200 FPM; pH range 0-14.
Remarks: No glazing at higher speed applications, inert, virtually indestructible lower coefficient of friction, thermal resistance to 500°F/260°C; and high compressive strength.



ML **2236 FDA**

ML 2236 FDA: PRE-LUBED PTFE YARN PACKING

Construction: Multi-Lok Braid
Features: Pure PTFE filament lubricated with a proprietary lubricant that complies FDA requirements.
Equipment: Any equipment where braided packing is commonly used.
Recommended For: Applications in the food processing industry or where an FDA material is required.
Limitations: Shaft speeds to 1200 FPM; temperatures to 500°F/260°C; pH range 0-14.