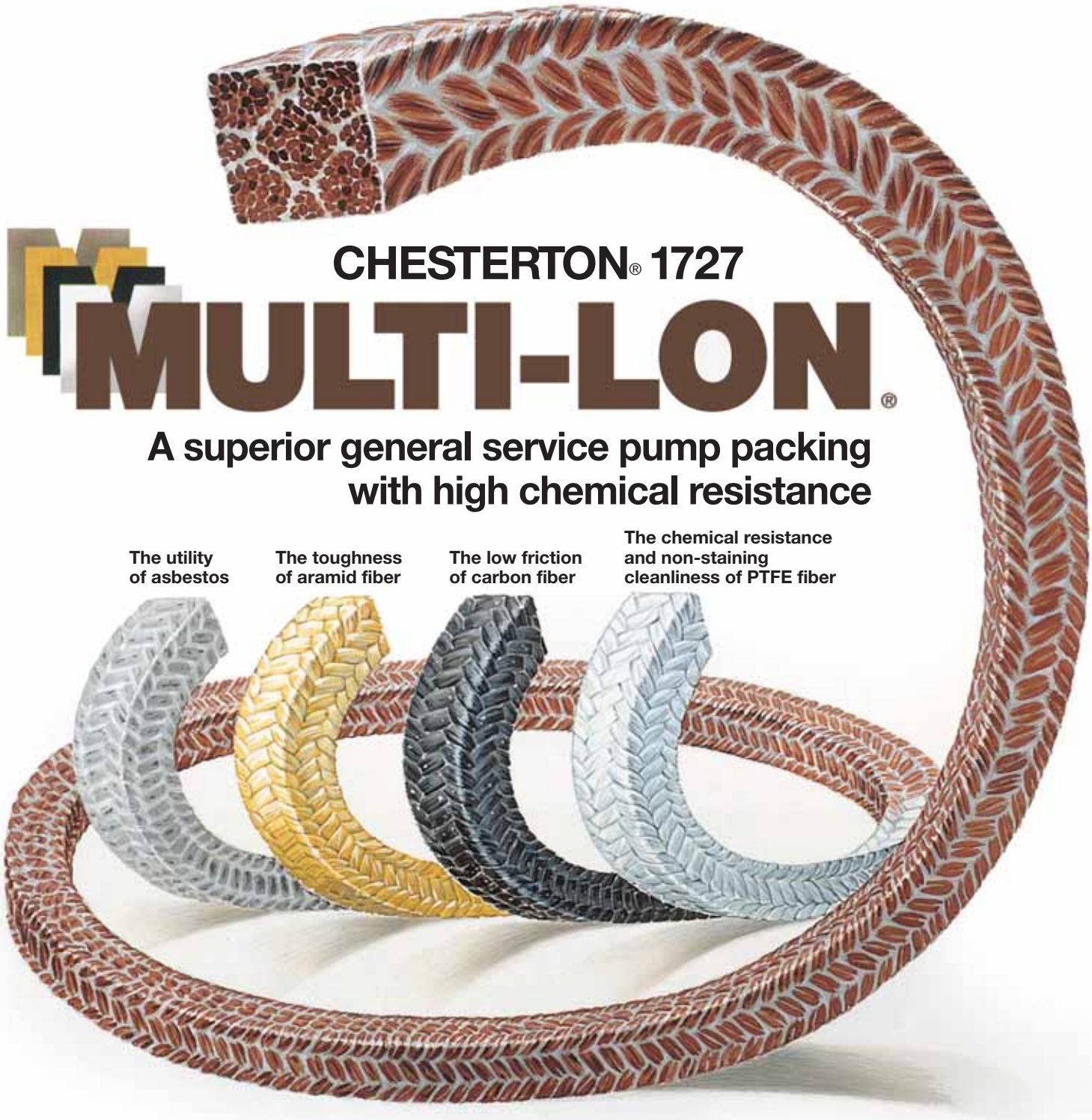
CHESTERTON® 1727

MULTI-LON®

A superior general service pump packing with high chemical resistance



MULTI-LON is the first pump packing upgrade to replace asbestos styles in water, steam, chemical and solvent services. It offers chemical plants and pulp and paper mills a non-abrasive, non-graphite, non-staining, high performance, multi-use packing without environmental concerns or premium cost.

MULTI-LON is a synthetic packing, unique to CHESTERTON, designed specifically for general service pump applications. It is able to deliver performance equal to synthetics, but with the pliability of asbestos. Unlike the first generation of synthetic packings, MULTI-LON does not suffer from limitations that prevent general service use. It does not cause severe shaft scoring like many synthetic yarns, does not cause electrolytic pitting like carbon or graphite yarns and does not have the shaft speed limitations or the elongation/extrusion problems associated with PTFE fiber yarns. It is superior to asbestos for chemical services, having a range of pH 1-13*. MULTI-LON consists of interbraided continuous *synthetic thermoset fibers*, immunized with PTFE lubricant and a special *silicone free*, break-in, sacrificial lubricant. MULTI-LON lacks the stiffness of conventional synthetics and, thus, readily conforms to stuffing box configurations, installs easily and requires minimal gland torque and fewer adjustments. It is kind to shaft sleeves, has superior resistance to extrusion, is clean to handle and will not leach color.

* See restrictions in Technical Data Section

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MULTI-LON®

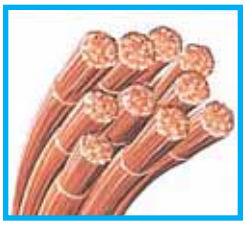
A THERMOSET SYNTHETIC FIBER PACKING

All the best features of your favorite process packings combined in a single product.

GREATER FLEXIBILITY… less leakage

MULTI-LON is flexible and moldable, conforms to stuffing box configurations because it lacks stiffness – eliminates the leak paths of stiffer packings – reduces the need for frequent adjustments – requires only minimal gland torque – finger tight leakage control reduces power consumption and sleeve wear …a breakthrough in packing fiber.

LONG WEARING… fewer repackings



Exclusive CHESTERTON PTFE pre-treatment of separate fibers followed by a sacrificial lubricant after interbraiding, protects packing and sleeve at break-in, prolongs service life.

NON-STAINING… protects product quality

Graphite-free MULTI-LON will withstand liquors, hypochlorites and other process chemicals – no silicone to stain paper products. MULTI-LON is non-contaminating, non-hazardous under normal conditions of use.

NON-HARDENING… fewer adjustments

In abrasive and corrosive services, MULTI-LON remains pliable without the hardening to which asbestos/PTFE types are subject.

Chesterton ISO certificates available on www.chesterton.com/corporate/iso

NON-ABRASIVE… less sleeve wear

MULTI-LON has the tensile strength of aramid types to resist extrusion but has a lower coefficient of friction with less heat generated, less wear on shaft sleeves. It also retains a greater percent of its tensile strength at running temperatures.

NON-PITTING… saves shafts

MULTI-LON has the chemical resistance of carbon or graphite fiber types, but does not have its electrolytic pitting problem.

Technical Data

- Excellent resistance to most chemical and solvents.
- Virtually unaffected by non-oxidizing acids, dilute bases, organic solvents (pH 1 – 13)
- Should not be used in concentrated or hot sulphuric (>60%), or nitric acids (>10%) or strong bases.
- Maximum temperature 488°F (250°C)
- Maximum shaft speed 2000 fpm (10 m/sec)

SIZE		PACKAGED		REORDER PRODUCT NO.
Inches	mm	lbs. ±10%	kg ±10%	
1/8	3,0	2	0,908	009260
	4,0	2	0,908	009261
3/16	5,0	2	0,908	009262
	6,0	2	0,908	009263
1/4	6,5	2 5	0,908 2,270	009264 009273
5/16	8,0	2 5	0,908 2,270	009265 009274
3/8	9,5	5 10	2,270 4,540	009275 009281
	10,0	2 5	0,908 2,270	009267 009276
7/16	11,0	5	2,270	009277
	12,0	2 5	0,908 2,270	009269 009278
1/2	12,5	5 10	2,270 4,540	009279 009283
9/16	14,0	5 10	2,270 4,540	009280 009284
5/8	16,0	10	4,540	009285
11/16	17,5	10	4,540	009286
3/4	19,0	10	4,540	009287
13/16	20,5	10	4,540	009288
7/8	22,0	10	4,540	009289
15/16	24,0	10	4,540	009293
1	25,5	10	4,540	009294

For larger sizes, consult factory.

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