



LEU CHERNG

GLAND PACKING



LEU CHERNG ENTERPRISE CO., LTD.



LEU CHERNG PACKING

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膨脹石墨的主要性能 Main Specifications of Expanded Graphite

密度公差(1.1g/cm ³)	±0.05	回彈率(%)	>10
厚度公差(mm)	±0.03	硫含量(PPM)	<1000
含碳量(%)	99	氯含量(PPM)	<40
抗拉強度(kgf/cm ²)	45	使用溫度 ①在非氧化介質中 -200℃ ~ 1650℃ ②在氧化介質中 -200℃ ~ 850℃	
抗壓強度(kgf/cm ²)	1680		
壓縮率(%)	>41		



Centrifugal pumps



Piston pumps



Valves



LC-2200T

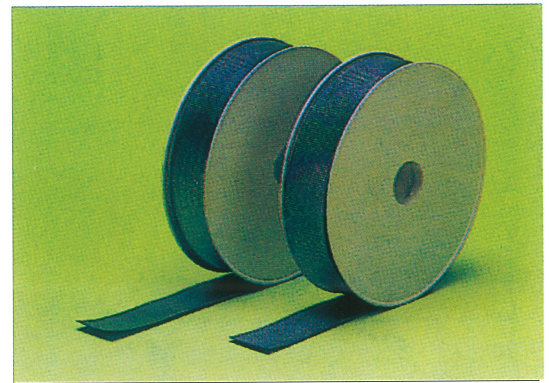
膨脹石墨波紋帶 EXPANDED GRAPHITE RIBBON PACKING (NA)

它主要是用作盤根填料。只要將帶子沿閥杆或泵軸繞滿填入即為成型環。這種盤根填料用於小直徑閥門的安裝最方便，且還可用作無備件時的應急盤根。

它可被用作密封熱水、高溫高壓蒸汽、熱交換液、氫氣、氨氣、有機溶劑、碳氫化合物、低溫液體等。

It is designed for use as packing. Just with wrapping tape to stem or shaft, and then stuffing, endless packing can be formed. This packing is easily installed for small diameter valves, and can also be used for emergencies when spare packing are not available.

It can be used to seal hot water, high temperature and pressure steam, heat transfer fluid, hydrogen gas, ammonia, organic solvents, hydrocarbons, cryogenic liquids, etc.



Thickness (mm)	0.4
Width (mm)	12.7
	19.0
	25.4
Length (m)	15.3

	☼	☼	☼
T (°C)	-200 ~ 850		
P (Kg/cm ²)	-	-	440
V (m/s)	-	-	2
PH	0~14		



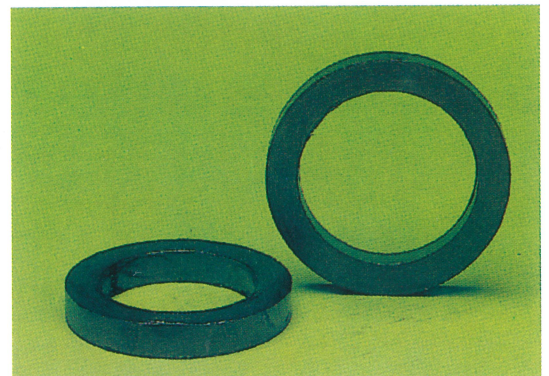
LC-2200

膨脹石墨模壓環 EXPANDED GRAPHITE MOLDED PACKING RING (NA)

它是用模具壓製成所需尺寸的環狀。膨脹石墨填料環的回彈性和結構將不會被化學介質所侵蝕，因此它能提供有效的密封作用且無任何螺栓的扭矩損失。

膨脹石墨填料環一般和端面環組合使用 (LC-2400、LC2600、LC-2216、LC2216I等)以防止膨脹石墨填料環被擠壓出來。端面環是根據使用條件而定的。

它可被用作密封熱水、高溫高壓蒸汽、熱交換液、氫氣、氨氣、有機溶劑、碳氫化合物、低溫液體 (LN、LHe、LNG、LPG等)等。



It is press-molded into a ring form of required dimensions. The resiliency and structure of expanded graphite molded packing will not be affected by any chemical attack. Consequently, it can provide effective seal without any torque loss.

Expanded graphite molded packing are used in combination with back up ring (LC-2400、LC2600、LC-2216、LC-2216I etc.) to prevent extrusion of expanded graphite molded packing. Selection of back up ring depends on service condition.

It can be used to seal hot water, high temperature and pressure steam, heat transfer fluid, hydrogen gas, ammonia, organic solvents, hydrocarbons, cryogenic liquids (LN, LHe, LNG, LPG, etc.)etc.

	☼	☼	☼
T (°C)	-200 ~ 850		
P (Kg/cm ²)	30	250	440
V (m/s)	40	2	2
PH	0~14		



LC-2216

膨脹石墨盤根 EXPANDED GRAPHITE PACKING (NA)

它是由創新的純膨脹石墨線，經編織而成的柔性盤根。一般的編織盤根和這種具優異密封性的純石墨盤根組合，使 LC-2216 成為解決密封問題的最有效的元件。

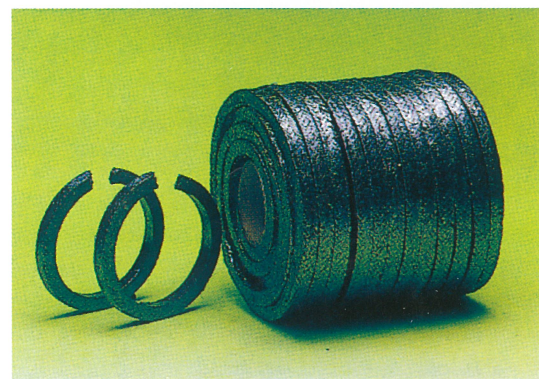
除了少數的強氧化劑外，它可被用作密封熱水、高溫高壓蒸汽、熱交換液、氫氣、氨氣、有機溶劑、碳氫化合物、低溫液體等。

它是一種獨一無二且到處可用的密封盤根。

It is a flexible braided packing which is made of an innovative expanded pure graphite yarn. The combination of other braided packings installed with the excellent sealing capabilities of expanded pure graphite makes LC-2216 the most effective sealing component.

It can be used to seal hot water, high temperature and pressure steam, heat transfer fluid, hydrogen gas, ammonia, organic solvents, hydrocarbons, cryogenic liquids, etc., except fewer strong oxidizer.

It is a unique and universal sealing packing.



	㊦	㊧	㊨
T (°C)	-200 ~ 850		
P (Kg/cm ²)	30	250	250
V (m/s)	40	2	2
PH	0~14		

包裝方式：

(Supply Form)

☞ 3m/coil

☞ 5 kg/box

Standard mm	3.2	4.8	6.4	7.9	9.5	11.1	12.7	15.9	19.0	22.2	25.4
Size (inch)	(1/8)	(3/16)	(1/4)	(5/16)	(3/8)	(7/16)	(1/2)	(5/8)	(3/4)	(7/8)	(1)
Kg/3m	-	0.08	0.14	0.22	0.33	0.45	0.58	0.92	1.26	1.62	2.2



LC-2216I

含鎳合金膨脹石墨盤根 EXPANDED GRAPHITE PACKING WITHINCONEL (NA)

它是由創新的鎳合金絲增強的純膨脹石墨線，經編織而成的柔性、高強度盤根。一般的編織盤根和這種具優異密封性的石墨增強盤根組合，使 LC-2216I 成為解決密封難題的最有效元件，尤其在高壓的環境下。

除少數強氧化劑外，它可被用作密封熱水、高溫高壓蒸汽、換熱介質、氫氣、氨氣、有機溶劑、碳氫化合物、低溫液體等。

它也是一種獨一無二且到處可用的密封盤根。

It is a flexible and high strength braided packing which is made of an innovative expanded pure graphite yarn with inconel wire reinforcement. The combination of other braided packings installed with the excellent sealing capabilities of expanded graphite makes LC-2216I the most effective sealing component, especially in the presence of high pressure.

It can be used to seal hot water, high temperature and pressure steam, heat transfer fluid, hydrogen gas, ammonia, organic, solvents, hydrocarbons, cryogenic liquids, etc., except fewer strong oxidizer.

It also is a unique and universal sealing packing.



	㊦	㊧	㊨
T (°C)	-200 ~ 850		
P (Kg/cm ²)	30	250	440
V (m/s)	3	3	2
PH	0~14		

包裝方式：

(Supply Form)

☞ 3m/coil

☞ 5 kg/box

Standard mm	3.2	4.8	6.4	7.9	9.5	11.1	12.7	15.9	19.0	22.2	25.4
Size (inch)	(1/8)	(3/16)	(1/4)	(5/16)	(3/8)	(7/16)	(1/2)	(5/8)	(3/4)	(7/8)	(1)
Kg/3m	-	0.10	0.17	0.26	0.36	0.50	0.68	1.12	1.46	1.82	2.4



LC-2400

膨脹石墨板模壓環 EXPANDED GRAPHITE MOLDED PACKING RING (NA)

它是由0.5mm厚的膨脹石墨板材層和0.05mm不銹鋼穿孔複合板層交叉復合模壓而成。每一層的延伸方向都垂直於機械轉軸的表面。因此它可以免除用石墨帶子模壓成型填料環被擠出和粘到軸上的憂慮。

因為模壓盤根環有一層金屬箔面垂直於流體泄漏方向，所以該層就完全阻擋了填料的滲漏，它可被用作LC-2200或LC-2216等的中間隔漏墊或兩端點的防擠出環。

除少數強氧化劑外，它可被用作密封熱水、高溫高壓蒸氣、氫氣、氨氣、有機溶劑、碳氫化合物、低溫液體等。

It is press-molded by 0.5 mm thick expanded graphite layers and 0.05 mm thick stainless steel foil layers alternatively. The extent direction of each layer is vertical to the surface of the shaft or mandrel. Therefore it can solve the problem of adhesion and extrusion caused by the tape-molded packing rings.

The molded packing rings arrange plurality of metallic foil vertically to the direction of fluid leakage, so the transverse leakage to the packings can be eliminated. It can be used as the sealings for LC-2200 or LC-2216.

It can be used to seal hot water, high temperature and pressure steam, hydrogen gas, ammonia, solvents, hydrocarbons, cryogenic liquid, etc., except fewer strong oxidizer.



	㊦	㊧	㊨
T (°C)	-200 ~ 850		
P (Kg/cm ²)	30	250	440
V (m/s)	3	2	2
PH	0~14		



LC-2600

膨脹石墨盤根模壓環 EXPANDED GRAPHITE MOLDED PACKING RING (NA)

它是由 LC-2216 或 LC-2216I 盤根壓模而成的，之後表面再用潤滑劑、石墨粉和緩衝劑處理之。適用於熱電站的高壓蒸汽等。同時一般和 LC-2200、LC-2216、LC-2216I 等組合使用。

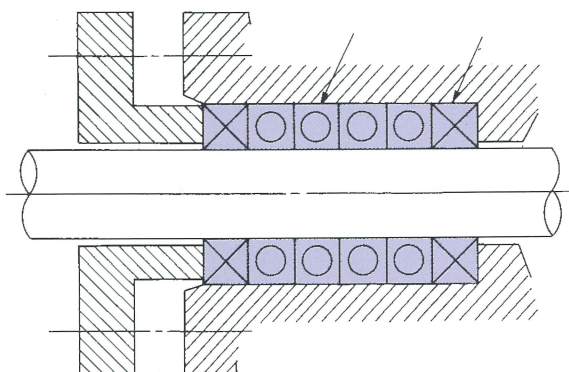
它可被用作密封蒸汽、熱水、熱油、石油、碳氫化合物、化學品、溶劑等。

It is press-molded by LC-2216 or LC-2216I. Afterwards, its surface is treated with lubricant, graphite and inhibitor. It is suitable for high-pressure steam of thermal power station, etc. It is used in combination with LC-2200、LC-2216、LC-2216I.

It can be used to seal steam, hot water, hot oil, petroleum, hydrocarbons, chemicals, solvents, etc.



	㊦	㊧	㊨
T (°C)	-200 ~ 850		
P (Kg/cm ²)	30	250	440
V (m/s)	16	2	2
PH	0~14		





LC-2610

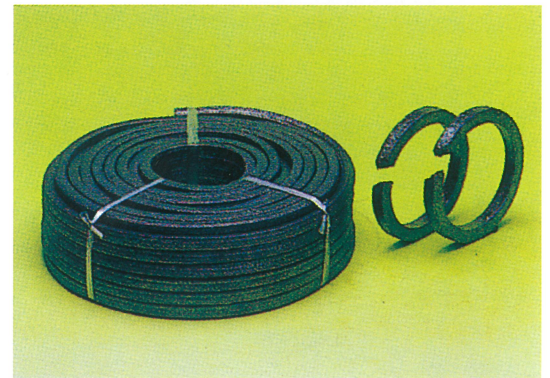
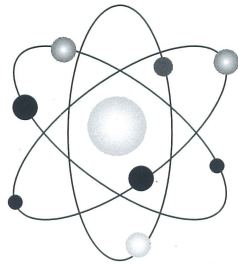
碳素纖維盤根 CARBON PACKING (NA)

它是用碳素纖維線經石墨粒子處理過，再編織而成的盤根。表面再以耐高溫的潤滑劑處理之。

它具有耐高溫高壓的性能，可以防止填料環的磨損，又可防止填料環的體積損失。它也能使盤根對閥杆的電化學腐蝕減少到最小程度。

The carbonized fiber yarn is treated with graphite particles, and then is braided to form packing. Its surface is coated with an high-temperature-proof lubricant.

It is able to bear high temperature and pressure, and helps prevent abrasion and volume loss to the packing rings. It can also help minimize the effects of electrolytic pitting of the valve stem.



	㊦	㊧	㊨
T (°C)	up to 650		
P (Kg/cm ²)	30	250	250
V (m/s)	20	2	2
PH	0~14		



LC-2610I

含鎳合金碳素纖維盤根 CARBON PACKING WITH INCONEL (NA)

它是和LC-2610一樣的盤根，只是其線間含有鎳合金線，以增加其抗壓的程度。

It is the same packing as LC-2610, while the yarns are inserted with inconel to increase its pressure resistance.



LC-3012

耐高溫高壓盤根 HIGH-HEAT AND PRESSURE PROOF PACKING (NA)

它是由陶瓷纖維夾不銹鋼絲線經石墨處理後編織而成的盤根，然後再以防腐蝕潤滑劑處理。

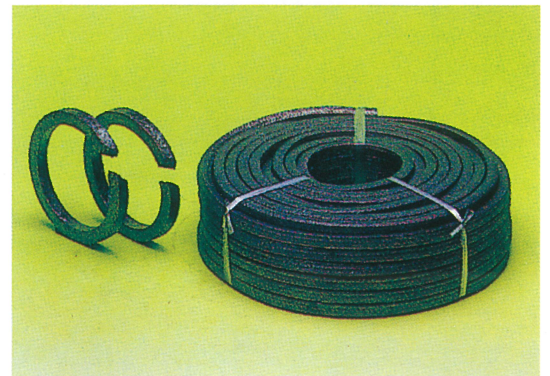
它在各種高溫及化學侵蝕較強的場所是隔熱密封的最佳盤根。

它是適用在1000°C 以下之蒸氣、油類、鹼液的環境、旋轉機械或往復閥棒、鍋爐開關閥、移動開關閥、蒸氣鍋爐開關閥、膨脹接合面等。

It is a braided packing made of ceramic yarns fiber containing stainless steel wire and is treated with graphite particles. Afterwards, it is treated with anti-corrosive lubricants.

It is the best packing for sealing and heat-proof in the presence of high temperature and strong pitting.

It is suitable for the presence of steam up to 1000°C, oils, and alkalis, rotary or alternative shafts, boiler valves, move valves, valves on steam turbines, expansion joints, etc.



	㊦	㊧	㊨
T (°C)	up to 1000		
P (Kg/cm ²)	30	250	250
V (m/s)	8	2	2
PH	2~12		



LC-2032

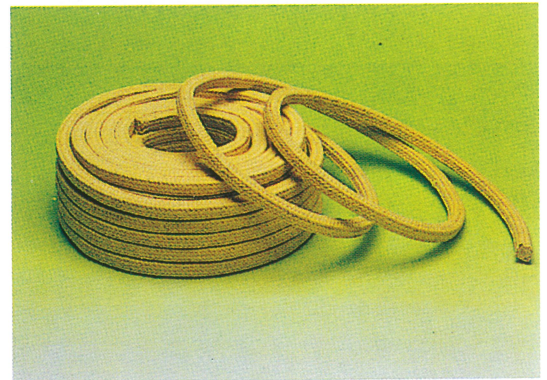
芳綸纖維盤根 TWARON® PACKING (NA)

它是由 Kevlar 纖維經浸漬四氟乙烯乳液及用潤滑劑處理再編織而成的盤根，這種盤根比其它各種編織盤根能承擔更高的介質壓力。由於這種線像鋼絲一樣強，它可和其它種類盤根分隔安裝或作為端面環。

這種盤根用在泵系統內一直被發展以替代石棉盤根，凡石棉盤根可用的領域它都能勝任，而且性能比石棉還要好。這種盤根提供了較長的壽命即使在普通的石棉盤根不能提供滿意結果的惡劣條件下，如在砂漿、錫礦、紙漿、發電廠的給水泵等。

It is a braided packing made of Kevlar yarns impregnated with P.T.F.E. dispersion and treated with lubricant. This packing can bear higher-pressure applications than other types of braided packings. Due to its steel-like strength, this can be employed separately or as back-up rings with other types of packing.

This packing has been developed to replace asbestos packing for pump systems. It covers all the service ranges which asbestos packing provides and even much better. It affords longer service life under severe conditions which conventional asbestos packing can not provide satisfaction, such as sand slurry, tin mining, paper slurry, feed water pump of power stations, etc.



	⊗	Ⓜ	Ⓜ
T (°C)	-220 ~ 300		
P (Kg/cm ²)	30	100	200
V (m/s)	25	1.5	2
PH	2~13		

包裝方式：
(Supply Form)
☞ 3m/coil
☞ 5 kg/box

Standard mm	3.2	4.8	6.4	7.9	9.5	11.1	12.7	15.9	19.0	22.2	25.4
Size (inch)	(1/8)	(3/16)	(1/4)	(5/16)	(3/8)	(7/16)	(1/2)	(5/8)	(3/4)	(7/8)	(1)
Kg/3m	0.06	0.12	0.20	0.29	0.42	0.57	0.74	1.14	1.65	2.19	2.85
Braiding Method	Square Braid			Lattice Braid							



LC-2034

鐵氟龍盤根 PTFE PACKING (NA)

它是用純四氟乙烯纖維編織而成的盤根，且線間以四氟乙烯的乳液含浸。它的彈性、完全的化學惰性、尺寸穩定、低磨擦係數與耐久性是目前工業所能得到最佳的品質。

它可用在所有化學混合物（除了鑄鹼金屬及氣態氟以外）、有低週邊速率的旋轉及往復運動轉軸、支柱、活塞、開關閥、膨脹接合面等。

It is a braided packing made of pure P.T.F.E. Thin yarns fiber which is impregnated piece by piece with P.T.F.E dispersion. Flexibility, almost complete chemical inertia, dimensional stability, low friction coefficient to compression, and excellent resistance to compression are qualities classifying this packing among the best ones available in the industrial field

It is suitable for all the chemical compounds (excepting cast alkaline metals and the gaseous fluorine), alternative and rotary motions shafts operating at low peripheral speed, rods, pistons, valve stems, expansion joints, etc.



	⊗	Ⓜ	Ⓜ
T (°C)	up to 280		
P (Kg/cm ²)	20	100	200
V (m/s)	4	2	2
PH	0~14		

包裝方式：
(Supply Form)
☞ 3m/coil
☞ 5 kg/box

Standard mm	3.2	4.8	6.4	7.9	9.5	11.1	12.7	15.9	19.0	22.2	25.4
Size (inch)	(1/8)	(3/16)	(1/4)	(5/16)	(3/8)	(7/16)	(1/2)	(5/8)	(3/4)	(7/8)	(1)
Kg/3m	0.06	0.13	0.22	0.33	0.47	0.63	0.83	1.29	1.87	2.48	3.25
Braiding Method	Square Braid			Lattice Braid							



LC-2036

鐵氟龍盤根—軟質 PTFE PACKING -SOFT (NA)

它是用純四氟乙烯纖維編織而成的盤根，且線間以四氟乙烯的乳液含浸。並以特殊潤滑劑處理之。

它是高可塑性的盤根。在填充盒具有最小壓力時長久使用不會改變其體積。它的低磨擦係數即使在高週邊速率時之轉軸表面亦能防止發熱。

它適用在高濃度且強腐蝕性與氧化性的化學產品中。

It is a braided packing made of pure P.T.F.E. thin yarns fiber which is impregnated piece by piece with P.T.F.E. dispersion, and is treated with a special inert lubricant.

It is a very plastic packing. Under a minimum pressure of the stuffing box, it keeps unchanged in the long run. The low friction coefficient prevents the surface of the shaft from forming heat even in the presence of high peripheral speeds.

It is suitable for high-concentrated chemical products, strongly aggressive and oxidative.



	⊗	⊠	⊡
T (°C)	up to 280		
P (Kg/cm ²)	20	100	200
V (m/s)	8	2	2
PH	0~14		

包裝方式：
(Supply Form)

☞ 3m/coil

☞ 5 kg/box

Standard mm	3.2	4.8	6.4	7.9	9.5	11.1	12.7	15.9	19.0	22.2	25.4
Size (inch)	(1/8)	(3/16)	(1/4)	(5/16)	(3/8)	(7/16)	(1/2)	(5/8)	(3/4)	(7/8)	(1)
Kg/3m	0.07	0.14	0.23	0.35	0.50	0.68	0.88	1.35	1.92	2.57	3.37
Braiding Method	Square Braid			Lattice Braid							



LC-2038

石墨鐵氟龍盤根 GFO® PACKING (NA)

它是一種含有石墨的聚四氟乙烯及抗腐蝕潤滑劑的纖維編織而成的盤根。用於所有化學介質泵軸密封。

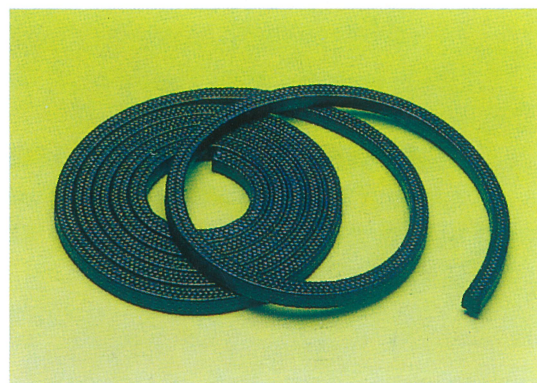
低的摩擦係數使盤根具有穩定性和長壽命，它還具有良好的抗拉強度和較高的熱傳導性。盤根有優良潤滑性將不會割傷軸杆，並能降低軸套的更換成本。

它可被用來密封鹼、溶劑、水、蒸氣泵、在離心泵、壓熱器、攪拌器、混合器等中的酸類除了強酸氧化物外（如王水、發煙硝酸、發煙硫酸等）等。

It is a braided packing made of PTFE yarn containing graphite particles and anti-corrosive lubricant. It is recommended for shafts for almost all chemicals.

Stability and long service life are achieved by low friction coefficient. It has great tear strength and high thermal conductivity. This self-lubricating packing does not score the shaft and minimizes sleeve replacement cost.

It can be used to seal alkalis, solvents, water, steam, acids except strong oxidizing acids (aqua regia, fuming nitric acid, fuming sulfuric acid, etc.) For centrifugal pumps, autoclaves, agitators, mixers, etc.



	⊗	⊠	⊡
T (°C)	-240 ~ 288		
P (Kg/cm ²)	20	200	250
V (m/s)	16	2	2
PH	0~14		

包裝方式：
(Supply Form)

☞ 3m/coil

☞ 5 kg/box

Standard mm	3.2	4.8	6.4	7.9	9.5	11.1	12.7	15.9	19.0	22.2	25.4
Size (inch)	(1/8)	(3/16)	(1/4)	(5/16)	(3/8)	(7/16)	(1/2)	(5/8)	(3/4)	(7/8)	(1)
Kg/3m	0.06	0.12	0.17	0.30	0.48	0.58	0.78	1.15	1.65	2.20	2.84
Braiding Method	Square Braid			Lattice Braid							

**LOCKLON®****軟性鐵氟龍 JOINT SEALANT 100% VIRGIN PTFE (NA)**

LOCKLON® 自黏橢圓形密封墊料是由100%純聚四氟化乙烯(鐵氟龍)製成，係由無數均質細密柔軟強韌之纖維組成。具有高抗拉強度，低潛變，耐高低溫，耐腐蝕，受壓後纖維相互纏結，變成組織更緊密而均勻，不透氣，不透水，止洩性能良好，在嚴苛之腐蝕性環境及高溫下，仍能保持極佳之密封性能，有自黏性背膠設計，使安裝或更換作業更加簡便，安裝時不必事先裁割成型，可在現場隨裁隨用，沒有任何損料，省料又省工。又因**LOCKLON®**自黏橢圓形密封墊料可任意彎曲，填充順應性極佳，使用於形狀複雜，嚴重銹蝕之法蘭等各種用途與場所，可說是**萬能**密封墊料。



特性

耐溫 從-260°C~+260°C範圍內均可安全使用。

耐壓力 從真空到207kg/cm²(3000psi)

耐酸鹼 (PH值0~14)，抗腐蝕，不受一般化學物質影響(除熔鹼金屬，及氣態，液態之氟元素以外)。

抗老化 長期存放不變質且無污染。

抗潛變 (Cold flow & creep)容易安裝，容易鎖緊，施工後不易變形。

符合FDA之標準(FDA21 CFR177.1550)是食品及製藥工業理想的密封墊料。

Nominal size (mm)	Length (M Reel)	Cross-sectional Dimensions (Width x Thickness)	Applicable Piping Size	Standard Thickness after Tightening	Standard Width after Tightening	Serviceable Pressure	Minimum Tightening Pressure
3	30	4 x 2	10A~50A	0.2~0.3mm	5mm	40kgf/cm ²	50kgf/cm ²
6	15	7 x 3	65A~300A	0.4~0.5mm	8mm	40kgf/cm ²	75kgf/cm ²
9	8	10 x 4	350A min	0.7~0.8mm	12mm	20kgf/cm ²	100kgf/cm ²
12	5	13 x 5	350A min	1.0~1.2mm	17mm	20kgf/cm ²	100kgf/cm ²
16	5	17 x 6	350A min	1.5~2.0mm	20mm	20kgf/cm ²	100kgf/cm ²
20	5	22 x 6.5	350A min	2.5~3.0mm	25mm	20kgf/cm ²	100kgf/cm ²
25	10	27 x 7	350A min	3.0~3.5mm	30mm	20kgf/cm ²	100kgf/cm ²
30	10	30 x 3	350A min	0.4~0.5mm	32mm	20kgf/cm ²	100kgf/cm ²
40	10	40 x 3	350A min	0.4~0.5mm	42mm	20kgf/cm ²	100kgf/cm ²
50	10	50 x 3	350A min	0.4~0.5mm	52mm	20kgf/cm ²	100kgf/cm ²

特點

省時 省錢 快速 安全

易於安裝 即使在垂直的法蘭面上也能得心應手。

避免浪費 不事先定剪裁，可現場隨裁隨用。

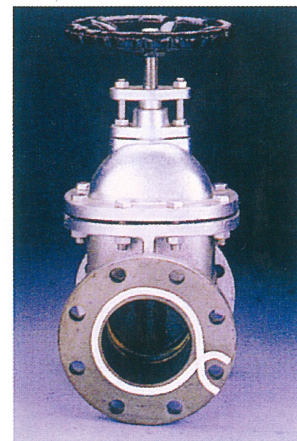
拆卸方便 保證施工品質，節省維修成本。

軟性特質 粗表面的絕佳密封墊料。

主要用途

適用於各式法蘭、通風、混凝土、玻璃接頭、熱交換器、FRP、壓縮機架法蘭、汽容器法蘭、液壓及氣壓系統、水系統、通風扇機架等施工場所、耐久性、耐候性、安全性高之工業止洩密封。

Size
2.4 mm ^φ x 30.5M
3.2 mm ^φ x 15.3M
4.0 mm ^φ x 10.7M
5.6 mm ^φ x 4.6M
7.1 mm ^φ x 2.8M



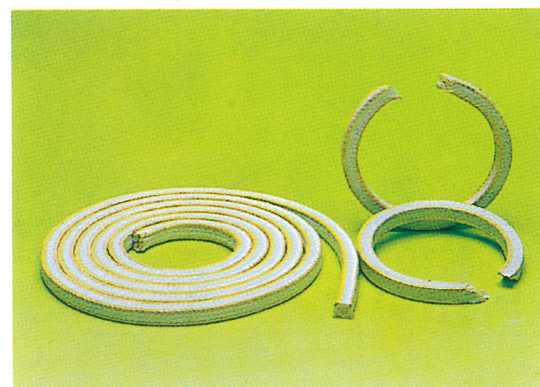


LC-2040

鐵氟龍與芳綸纖維盤根 PTFE-TWARON® PACKING (NA)

它是四氟乙烯纖維與芳綸纖維的增強角線編織而成的盤根。該結構的優點是增加芳綸纖維的潤滑性，又增強了四氟乙烯的強度。這種特殊組合盤根在高壓柱式泵的密封中起了非常重要的作用。

It is a braided packing made of P.T.F.E. yarns fiber and the reinforced corner yarns of Kevlar fiber. This structure enhances the lubricability of Kevlar fiber and reinforces the strength of the pure P.T.F.E. Packing. This special combination packing play a very important role in the sealing of high pressure piston pump.



	⊗	☐	⊥
T (°C)	up to 280		
P (Kg/cm ²)	20	200	250
V (m/s)	12	2	2
PH	2~13		

包裝方式：
(Supply Form)

- ☞ 3m/coil
- ☞ 5 kg/box

Standard mm Size (inch)	3.2 (1/8)	4.8 (3/16)	6.4 (1/4)	7.9 (5/16)	9.5 (3/8)	11.1 (7/16)	12.7 (1/2)	15.9 (5/8)	19.0 (3/4)	22.2 (7/8)	25.4 (1)
Kg/3m	-	-	0.22	0.33	0.45	0.63	0.83	1.39	1.87	2.48	3.24
Braiding Method	Lattice Braid										



LC-2042

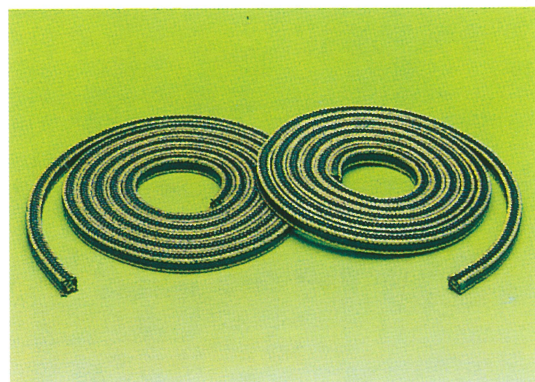
石墨鐵氟龍與芳綸纖維盤根 GFO®-TWARON® PACKING (NA)

它是含石墨四氟乙烯纖維與芳綸纖維增強角線組合而成的高品質盤根。它可在高溫高壓下防止端面空隙的擠出。它具有很好的滑動速度和熱傳導性。它可以在較長使用周期內用來密封壓力較高的柱式泵。

它可被用作密封水、污水、熱水、油、油脂、氣體、弱酸、強鹼溶液、含磨損物的介質。

It is a high-quality braided packing made of P.T.F.E. yarns fiber with incorporated graphite and the reinforced corner yarns of Kevlar fiber. It can prevent gap form extrusions in the presence of high pressure and temperature. It has good sliding velocity and thermal conductivity. It enables to seal high pressure piston pump during a long running period.

It can be used seal water, sewage water, hot water, oils, greases, weak acids and alkaline solutions, abrasive media.



	⊗	☐	⊥
T (°C)	up to 280		
P (Kg/cm ²)	20	200	250
V (m/s)	20	2	2
PH	2~12		

包裝方式：
(Supply Form)

- ☞ 3m/coil
- ☞ 5 kg/box

Standard mm Size (inch)	3.2 (1/8)	4.8 (3/16)	6.4 (1/4)	7.9 (5/16)	9.5 (3/8)	11.1 (7/16)	12.7 (1/2)	15.9 (5/8)	19.0 (3/4)	22.2 (7/8)	25.4 (1)
Kg/3m	-	-	0.22	0.33	0.45	0.63	0.83	1.39	1.87	2.48	3.24
Braiding Method	Lattice Braid										



LC-2077

碳素鐵氟龍盤根 CARBON PTFE PACKING (NA)

它是由預浸四氟乙烯乳液的碳素纖維編織而成的盤根。它幾乎耐所有腐蝕的化學物質。當用於泵時，因它的良好導熱性，使磨擦熱都能很快地傳遞到填料箱外殼，因此不會損壞盤根填料。

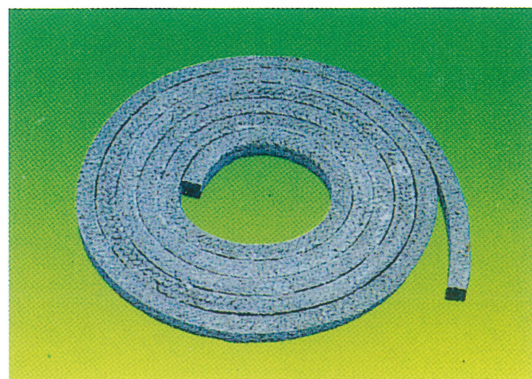
廣泛的用途使它可替代含四氟乙烯的石棉盤根。

它可密封除強酸氧化劑外的所有腐蝕性的流體，有機溶劑，以及那些用在離心泵、柱式泵、混合器閥門等不允許有污染的流體等。

It is a braided packing made of carbon fiber which is impregnated with P.T.F.E. dispersion. It is inert to almost all corrosive chemicals. When it is used for pumps, frictional heat is freely conducted to the stuffing box metal because of its excellent thermal conductivity, and thus no damage will be caused to the packing.

It can replace P.T.F.E. asbestos packing within wide service range.

It can be used to seal corrosive fluids except strong oxidizer acids, organic solvents, fluids where contamination is not permissible for centrifugal pumps, plunger pumps, mixers valves, etc.



	☼	☼	☼
T (°C)	up to 300		
P (Kg/cm ²)	20	100	100
V (m/s)	4	2	2
PH	0~14		

包裝方式：

(Supply Form)

☼ 3m/coil

☼ 5 kg/box

Standard mm	3.2	4.8	6.4	7.9	9.5	11.1	12.7	15.9	19.0	22.2	25.4
Size (inch)	(1/8)	(3/16)	(1/4)	(5/16)	(3/8)	(7/16)	(1/2)	(5/8)	(3/4)	(7/8)	(1)
Kg/3m	-	0.08	0.15	0.23	0.32	0.47	0.60	0.90	1.26	1.70	2.30
Braiding Method	Square Braid					Lattice Braid					

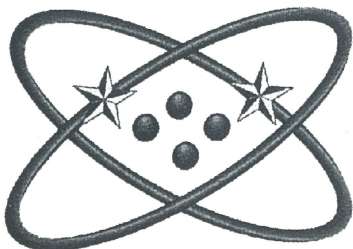


LC-2077L

碳素鐵氟龍盤根 CARBON PTFE PACKING (NA)

它是和LC-2077一樣的盤根，再經特殊潤滑劑處理之。

It is the same packing as LC-2077, and treated with a special lubricant.



	☼	☼	☼
T (°C)	up to 280		
P (Kg/cm ²)	20	100	100
V (m/s)	10	8	8
PH	0~14		

包裝方式：

(Supply Form)

☼ 3m/coil

☼ 5 kg/box

Standard mm	3.2	4.8	6.4	7.9	9.5	11.1	12.7	15.9	19.0	22.2	25.4
Size (inch)	(1/8)	(3/16)	(1/4)	(5/16)	(3/8)	(7/16)	(1/2)	(5/8)	(3/4)	(7/8)	(1)
Kg/3m	-	0.11	0.20	0.30	0.40	0.54	0.70	1.09	1.57	2.20	2.75
Braiding Method	Square Braid					Lattice Braid					


LC-2075 LC-2075S(SOFT)
拉特龍鐵氟龍盤根 LATLON PTFE PACKING (NA)

它是用防火化學纖維線含浸四氟乙烯乳液後再編織而成的盤根。

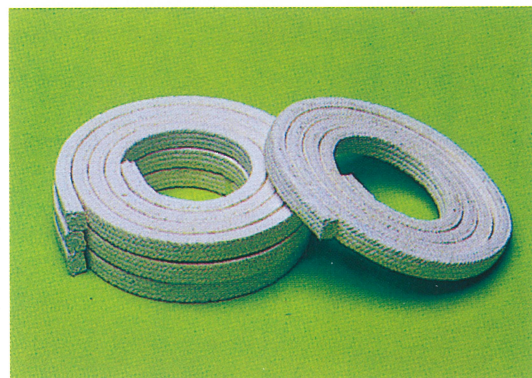
它具有柔軟性、彈性、均勻性及緊密性的盤根。它能廣泛的應用到用泵之旋轉機械及往復閥棒、造紙廠、食品廠與製藥廠等。

LC-2075S 是 LC-2075 盤根再經特殊潤滑劑處理之。

It is a braided packing made of refractory chemical fiber which is impregnated piece by piece with P.T.F.E. dispersion.

It is a flexible, resilient, homogeneous and compact packing. It can be widely utilized in general applications on rotary or alternative shafts, paper mills, foodstuff and pharmaceutical industries.

LC-2075S is a packing that LC-2075 is treated with a special lubricant.



	☼	☼	☼
T (°C)	up to 288		
P (Kg/cm ²)	20	100	200
V (m/s)	16	8	8
PH	0~14		

包裝方式：
(Supply Form)

- ☞ 3m/coil
- ☞ 5 kg/box

Standard mm	3.2	4.8	6.4	7.9	9.5	11.1	12.7	15.9	19.0	22.2	25.4
Size (inch)	(1/8)	(3/16)	(1/4)	(5/16)	(3/8)	(7/16)	(1/2)	(5/8)	(3/4)	(7/8)	(1)
Kg/3m	0.05	0.10	0.18	0.27	0.37	0.51	0.65	1.02	1.46	1.98	2.62
Braiding Method	Square Braid					Lattice Braid					


LC-6075 LC-6075S(SOFT)
石棉鐵氟龍盤根 ASBESTOS PTFE PACKING

它是用純白石棉經編織後的盤根，再經含浸四氟乙烯乳液而成。

它適用在迴轉馬達之密封填充盒、往復閥棒、中度酸液與鹼液等。

LC-6075S是LC6075盤根再經特殊潤滑劑處理之。

It is a braided packing made of white asbestos. After braiding, this packing is impregnated with P.T.F.E. Dispersion.

It is suitable for sealing stuffing boxes on rotary, alternative-motion shafts, medium index acids and alkalis, etc.

LC-6075S is a packing that LC-6075 packing is treated with a special; lubricant.



	☼	☼	☼
T (°C)	up to 260		
P (Kg/cm ²)	20	100	100
V (m/s)	10	8	8
PH	2 ~ 12		

包裝方式：
(Supply Form)

- ☞ 3m/coil
- ☞ 5 kg/box

Standard mm	3.2	4.8	6.4	7.9	9.5	11.1	12.7	15.9	19.0	22.2	25.4
Size (inch)	(1/8)	(3/16)	(1/4)	(5/16)	(3/8)	(7/16)	(1/2)	(5/8)	(3/4)	(7/8)	(1)
Kg/3m	0.06	0.10	0.18	0.26	0.37	0.50	0.65	1.01	1.44	1.95	2.5
Braiding Method	Square Braid					Lattice Braid					

**LC-6095****石棉鐵氟龍盤根 ASBESTOS PTFE PACKING**

它是用 95% 以上純白石棉線含浸四氟乙烯乳液後編織而成的盤根。

它是個具有柔軟性、彈性、均勻性及緊密性的盤根。

它適用在迴轉馬達上的密封填充盒、往復閥棒、冷卻開關閥、中度酸液及鹼類、石油化學及食品工廠。

It is a braided packing made of at least 95% white asbestos yarns which is impregnated piece by piece with P.T.F.E. dispersion.

It is a flexible, resilient, homogeneous and compact packing.

It is suitable for sealing stuffing boxes on rotary, alternative - motion shafts, valves for coolants, medium index acids and alkalis, petrochemical and foodstuff industries.



	⊗	⊠	⊡
T (°C)	up to 300		
P (Kg/cm ²)	20	100	100
V (m/s)	10	8	8
PH	2~12		

包裝方式：

(Supply Form)

☞ 3m/coil

☞ 5 kg/box

Standard mm	3.2	4.8	6.4	7.9	9.5	11.1	12.7	15.9	19.0	22.2	25.4
Size (inch)	(1/8)	(3/16)	(1/4)	(5/16)	(3/8)	(7/16)	(1/2)	(5/8)	(3/4)	(7/8)	(1)
Kg/3m	0.06	0.10	0.18	0.26	0.37	0.50	0.65	1.01	1.44	1.95	2.5
Braiding Method	Square Braid				Lattice Braid						

**LC-6095S****石棉鐵氟龍盤根—軟質 ASBESTOS PTFE PACKING - SOFT**

它是和 LC-6075 一樣的盤根，再用特殊潤滑劑處理之。

它是柔軟盤根，可用在不銹鋼製或鍍鉻轉軸且不會侵蝕它們，和在高週邊速率的環境下。

它可適用在鹼類、稀無機酸、水、蒸氣、有機酸、油類、酒精等各種液體。且適用於紙廠、染料廠、食品廠、製藥廠及製酒廠等。

It is the same packing as LC-6075, and treated with a special lubricant.

It is a soft packing and can be utilized on stainless steel or chromed shafts in the presence of high peripheral speeds without etching them.

It is suitable for alkalis, thinned inorganic acids, water, steam, organic acids, ketones, oils, alcohols, aliphatic gases, solutions of every kind. It can be utilized in paper mills, dyeing plants, foodstuff, pharmaceutical and oenologic industries.



	⊗	⊠	⊡
T (°C)	up to 260		
P (Kg/cm ²)	20	100	100
V (m/s)	10	8	8
PH	2 ~ 12		

包裝方式：

(Supply Form)

☞ 3m/coil

☞ 5 kg/box

Standard mm	3.2	4.8	6.4	7.9	9.5	11.1	12.7	15.9	19.0	22.2	25.4
Size (inch)	(1/8)	(3/16)	(1/4)	(5/16)	(3/8)	(7/16)	(1/2)	(5/8)	(3/4)	(7/8)	(1)
Kg/3m	-	0.12	0.21	0.31	0.45	0.60	0.78	1.23	1.75	2.35	3.0
Braiding Method	Square Braid				Lattice Braid						

**LC-6300****耐熱盤根 HEAT-PROOF PACKING**

它是用純白石棉線在以含石墨之特殊潤滑劑填充後編織而成。然後它的外表再塗上一層純石墨。

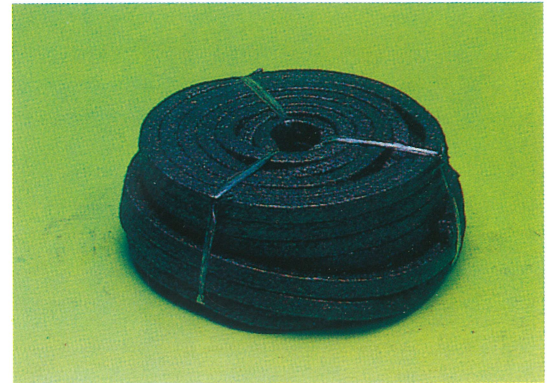
特殊潤滑劑及石墨二者，皆給予盤根相當佳的品質，而格子編織更賦予此盤根有柔性、彈性及緊密性的特別性質。

它適用於迴轉機械、往復閥棒、開關閥、或有水、蒸氣、油或弱酸溶液存在的環境。

It is a braided packing made of white asbestos yarns which is impregnated piece by piece with a special lubricant containing graphite. Afterwards, it is externally coated with pure graphite.

Both the added special lubricant and graphite give considerable qualities to the packing, while the "Diagotrex" braiding system gives this packing incomparable qualities of flexibility, elasticity and compactness.

It is suitable for general applications on rotary or, alternative shafts, valves, tap equipment and in the presence of water, oils and weak acids solutions.



	⊗	☐	⚙
T (°C)	up to 350		
P (Kg/cm ²)	20	100	100
V (m/s)	8	4	2
PH	4~10		

包裝方式：
(Supply Form)
5 kg/box

Standard mm	3.2	4.8	6.4	7.9	9.5	11.1	12.7	15.9	19.0	22.2	25.4
Size (inch)	(1/8)	(3/16)	(1/4)	(5/16)	(3/8)	(7/16)	(1/2)	(5/8)	(3/4)	(7/8)	(1)
m/box	305	144	90	56	41.4	30	24.3	14.8	10.4	7.8	6.2
Braiding Method	Square Braid					Lattice Braid					

**LC-6510S****耐高溫高壓盤根 HIGH-HEAT AND PRESSURE PROOF PACKING**

它是以不銹鋼線加強後之99%以上純白石棉線編織而成。所有線與線間均以之純石墨填實，外表再用純石墨處理。

由於不銹鋼線的使用可使盤根抵抗高壓。

它適用於鍋爐開關閥、移動開關閥、蒸氣鍋爐開關閥、膨脹接合面等。

It is a braided packing made of at least 99% white asbestos yarns reinforced with stainless steel wire. The impregnation is made piece by piece with very pure graphite. The packing is externally coated with pure graphite.

The inclusion of the stainless steel wire confers to the packing a considerable resistance to high pressure.

It is suitable for boiler valves, move valves, valves on steam turbines, expansion joints, etc.



	⊗	☐	⚙
T (°C)	up to 650		
P (Kg/cm ²)	30	200	250
V (m/s)	6	2	2
PH	4~12		

包裝方式：
(Supply Form)
5 kg/box

Standard mm	3.2	4.8	6.4	7.9	9.5	11.1	12.7	15.9	19.0	22.2	25.4
Size (inch)	(1/8)	(3/16)	(1/4)	(5/16)	(3/8)	(7/16)	(1/2)	(5/8)	(3/4)	(7/8)	(1)
m/box	-	130	74	47	33	24	19	12	9	7	5
Braiding Method	Square Braid					Lattice Braid					

附 錄

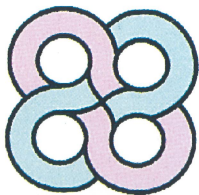
編織盤根的材料與方式

□ 編織材料

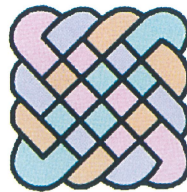
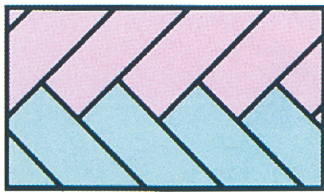
均採用國外進口的高級品牌原料，其基本的編織材料有石棉(ASBESTOS)、聚四氟乙烯(PTFE)、石墨鐵氟龍(G.F.O[®])、芳綸纖維(TWARON[®])、碳素纖維(CARBON)、膨脹石墨(EXPENDED GRAHITE)等、而產品的研發製作必須再考慮它們的化學特性和耐溫度的穩定性等因素。



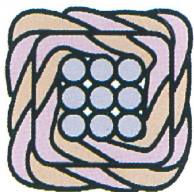
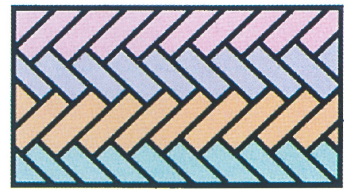
□ 編織方式



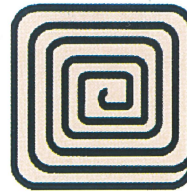
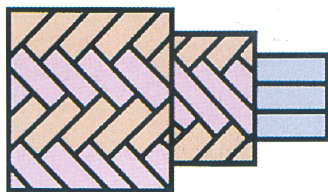
8字型編織(Square Braid)



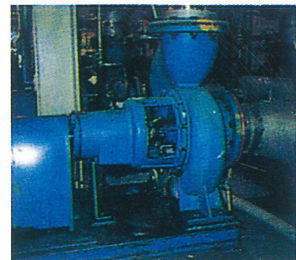
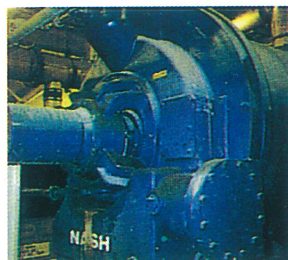
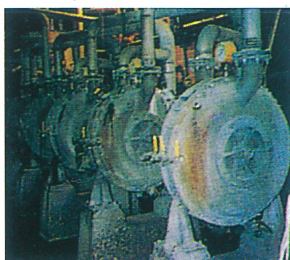
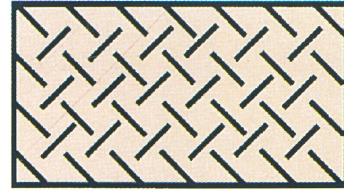
格子型編織(Lattice Braid)

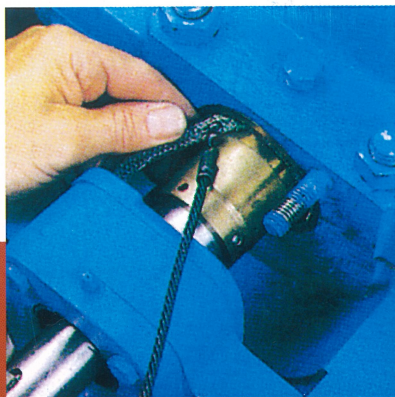


袋狀型編織(Braid Over Braid)



捲曲狀型(Rolled)





六晟企業有限公司

公司: 高雄市仁武區鳳仁路369巷28弄76號

電話: 07-3755661 (代表號)

傳真: 07-3755663

E-mail: locklon@ms58.hinet.net



LEU CHERNG ENTERPRISE CO., LTD.