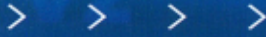


品質 · 效率 · 服務



百毅企業股份有限公司

BLISS YIH ENTERPRISE CO., LTD.

Metallic Flexible Conduit & Fitting

EDISON

EDİSON ENDÜSTRİYEL ELEKTRİK
TEDARİK SAN. VE TİC. LTD. ŞTİ.

Kefçedede Mah. Viran Saray Sok. No:6
34672 Üsküdar - İstanbul - Türkiye

Tel : +90 216 341 70 70

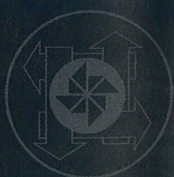
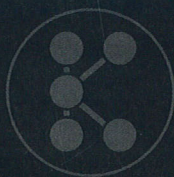
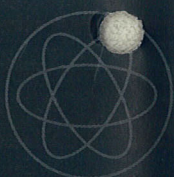
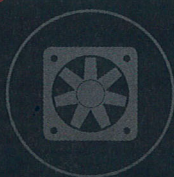
Faks : +90 216 341 70 99

E-mail: edison@edison.com.tr

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BLISS

BRAIN LABOR INCREASE SINCERITY SERVICE



BLISS

「品質・效率・服務」

Super Quality . High Efficiency . Best Service

B >>>代表 **BRAIN** 創造的能力 **B** represents **BRAIN**: the capability of creation
L >>>代表 **LABOR** 勤勉的意志 **L** represents **LABOR**: the will of diligence
I >>>代表 **INCREASE** 成長的雄心 **I** represents **INCREASE**: the ambition of growth
S >>>代表 **SINCERITY** 忠誠的態度 **S** represents **SINCERITY**: the attitude of loyalty
S >>>代表 **SERVICE** 服務的熱忱 **S** represents **SERVICE**: the enthusiasm of service

民國67年元月創立迄今，全體同仁秉持著創造、勤勉、成長、忠誠、服務的精神，堅持品質是我們的生命、

效率是我們的力量、服務是我們的責任，致力於產品研發及製造，達成我們的經營理念：

BLISS have dedicated to our action of brain, labor, increase, sincerity, and service since 1978.

We insist that quality is our life, efficiency is our power, and service is our responsibility.

We devote ourselves to the research and development of Bliss product to accomplish our management ideals:

「公共安全是我們的使命」

Public Safety is Our First Priority

以我們的產品，使『電線走火，引燃火災』的危機，從根本消除。

Our vision is, adapting our products to eliminate the possibility of "electrical faults or short circuits that lead to fires."

「軟管找百穀，安全又經濟」

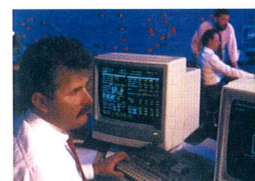
BLISS flexible conduit represents safety and economy

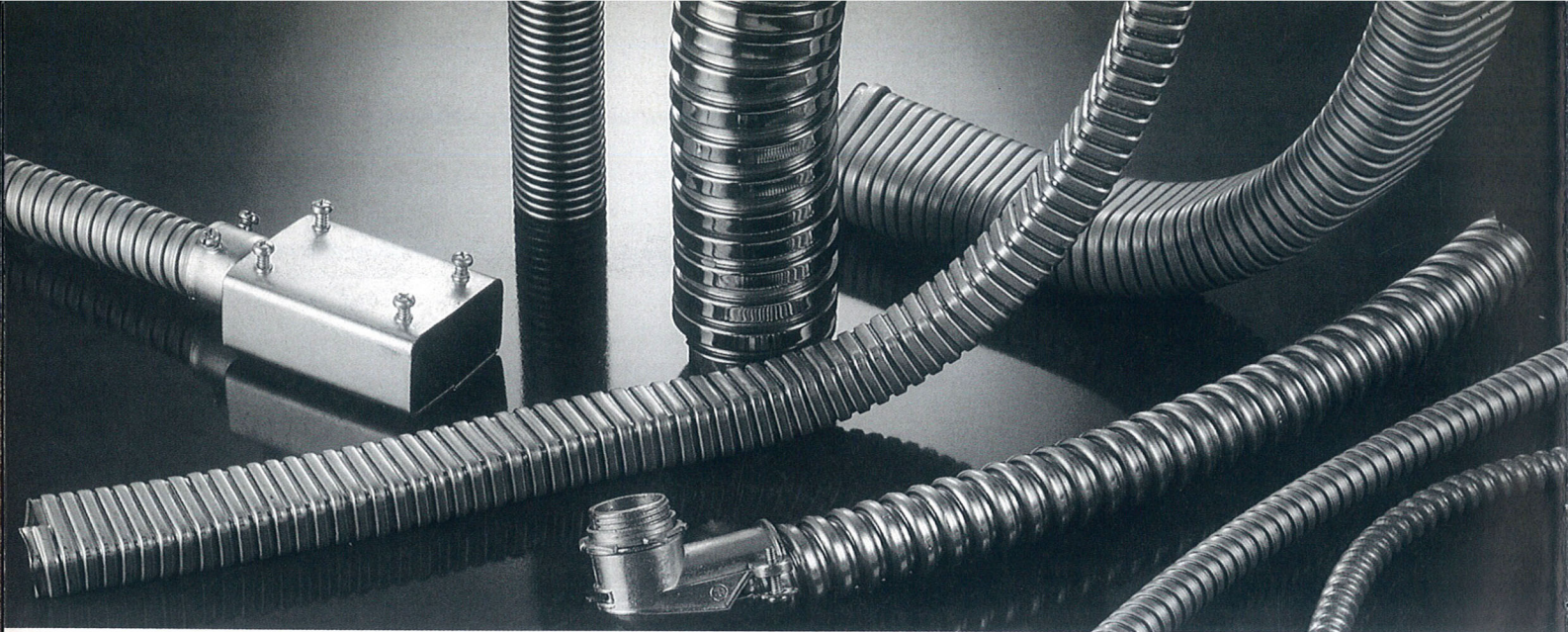
從產品設計到成品，步步依據安全規範，層層檢驗測試而完成，所以「安全」。

依客戶需要，提供最適用而不浪費的產品及服務，使顧客滿意，所以「經濟」。

From our product design to its manufacturing, every process complies with standard (i.e. ISO 9001:2000.UL) regulations. Every test is also carefully executed, thus ensuring the maximum safety.

Customers' satisfaction is always our first guideline. We offer the most suitable product, thus guaranteeing the extreme economy.





品質認證及研發能力

- 普通金屬導管UL file No. E113601, 77國產發字第099號台電核品處評鑑。
- 防水金屬導管UL file No. E118165, 77核品發字第033號, 台電國產會評鑑。
- 防水軟管接頭UL file No. E136208。
- 金屬軟管製造專用機: 著作權48293, 專利權PAT55064及PAT61982。
- BLISS 55類正商標232126聯合商標423950。
- BLISS 85類正商標112019聯合商標445165。
- 聯勤軍品製造商No.20513。
- 1994: BSI評鑑ISO-9002通過認證編號FM27105。
- 2002: BSI評鑑ISO-9001:2000改版通過認證編號FM27105。
- R.&D.費約佔營銷總額6%



QUALITY ASSURANCE AND PERFORMANCE

1. Flexible Steel Conduit:
 - UL Listed, File No. E113601
 - Qualified by Taiwan Power Co.
2. Liquid-Tight Flexible Conduit:
 - UL Listed, File No. E118165
 - Qualified by Taiwan Power Co.
3. Liquid-Tight Flexible Conduit Connector:
 - UL Listed, File No. E136208
4. Flexible Conduit Manufacturing Machine:
 - Copy Right No. 48293
 - PAT. No. 55064 & 61982.
5. BLISS Trademark Registered:
 - No. 232126 & 423950 by Type 55
6. BLISS Trademark Registered:
 - No. 112019 & 445165 by Type 85
7. Military Supply Manufacturer No. 20513.
8. BSI QA ISO-9002 FM 27105, 1994
BSI QA ISO-9001:2000 FM27105, 2002
9. R. & D. Budget is 6% of our Annual Gross Sale.

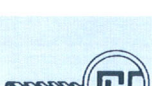
感謝

台灣電力公司各發電廠·台灣鐵路局地下化工程·台北區大眾捷運系統·國防部花蓮佳山計劃·高雄榮民總醫院·交通部台中郵政總局·台北國際會議廳·公賣局各酒廠新建工程·國防醫學中心·新光集團台北站前大樓·士林·台中等焚化爐工程·中山醫學院·中國醫藥學院·台灣苯乙烯林園廠·凱悅國際大飯店·長榮集團各大樓工程·遠企集團各大樓工程·工具機業·產業機械業·其他各公民營機構工程·台灣積體電路公司·廣三太平洋百貨公司·新竹科學園區各電子廠·豐興鋼鐵公司·中國鋼鐵公司·台塑六輕工程·中國石油公司等。

~持續愛用BLISS品牌產品~

4 STRUCTURE SPECIFICATION

構造說明

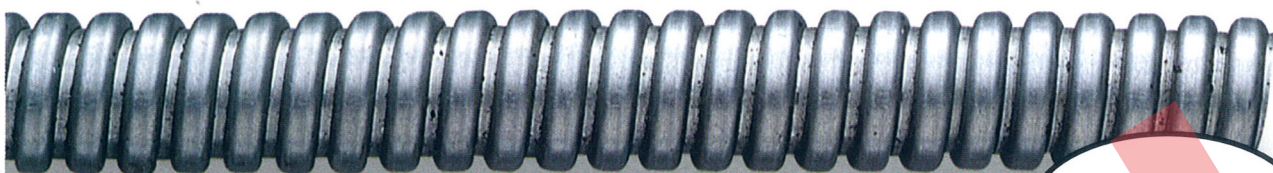
Item No. 編號	Description 摘要	Profile 構造圖	Size I.D. 尺寸	Item No. 編號	Description 摘要	Profile 構造圖	Size I.D. 尺寸
A1010	Interlocked flexible low pressure tubes standard type		3/8"~10"	A3020	Steel spiral armoured tube, and interal plastic liner.		1/4"~3/4"
A1050	Pressure tube, and sealing groove, with packing.		1/2"~15"	A4010	Corrugated semless brass tubes open pitch.		1/2"~3/4"
A1060	Pressure tube, with engaged profile and sealing groove, with Packing		3/16"~3/4"	A4020	Corrugated tubes, Bellows, medium and close pitch.		1/2"~20"
A2010	Square locked protective tubes, standard type.		1/8"~4"	A5010	Lead coated steel intermediate layer of insulating paper.		3/8"~3"
A2020	Supplying tube, and internal plastic liner.		1/4"~3"	A6010	Stripwound metal interlocked conduit.		1"~24"
A2060	Square locked conduit, with packing.		1/8"~12"	A6020	Spiral corrugations seamed conduit.		2"~36"
A2067	Square locked conduit, with covering of PVC		3/8"~4"	A7010	Stripwound metal tube with interlocked High tension flex.		1/4"~10"
A3010	Steel spiral armoured tubes plated finish. Standard type.		1/8"~3/4"	A8010	Flexible Armored cable carrier. Rectangle special designed for N.C. machine.		1"X2" 1 4"X8"

除了上列種類外，其他構造之管類，依顧客需要歡迎訂製。

In addition to the above varieties, we are pleased to produce different structures of flexible tube for the needs of customers and welcome to place an order.

5 FLEXIBLE STEEL CONDUIT (UL TYPE)

可撓性金屬軟管 (UL 型)



TYPE A2082

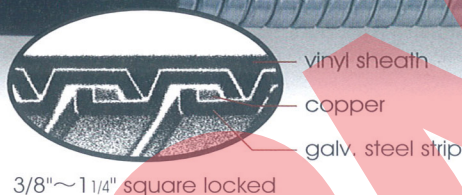
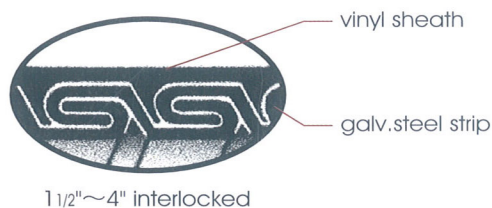
IP50 • ILFH • EMI SCREEN

- 鍍鋅鐵皮製成。
- 高強度及彎曲性。
- 遵照國際電工法規350及美國UL標準製作，登錄號碼 E113601。
- 符合台電公司國產化推行委員會之火力發電廠國產化設備規範書第1134.201-ES-7(REV.2)核准文號77年國產發字第099號。
- Galvanized steel core.
- High flexibility. Reduced-wall flex. steel conduit.
- Meets National Electrical Code 350 and Underwriters Laboratories requirements, UL file #E113601.
- Meets Taiwan Power Company 1134.201-ES-7(REV.2) spec. of electrical flexible conduit file 77-099.

Catalog Number	Nominal Size	Inner Diameter		Outside Diameter		Min. Bending Radius	Length of Each Roll
		min.	max.	min.	max.		
		mm	mm	mm	mm		
A20820250	5/16"	7.92	8.32	11.94	12.95	44.00	30
A20820300	3/8"	9.52	9.96	14.22	15.49	51.00	30
A20820400	1/2"	15.88	16.38	21.84	23.37	76.00	30
A20820600	3/4"	20.62	21.21	26.54	28.07	102.00	30
A20821000	1"	25.40	26.42	33.02	35.05	127.00	30
A20821200	1-1/4"	31.75	33.02	39.37	41.40	159.00	20
A20821400	1-1/2"	38.10	40.01	46.99	49.53	190.00	20
A20822000	2"	50.80	52.83	59.69	62.23	254.00	15
A20822400	2-1/2"	63.54	-	72.64	77.72	318.00	10
A20823000	3"	76.20	-	85.34	90.42	381.00	10
A20824000	4"	101.60	-	110.74	115.82	508.00	5

6 LIQUID-TIGHT FLEXIBLE STEEL CONDUIT (UL TYPE)

防水型金屬軟管 (UL 型)



TYPE A2066

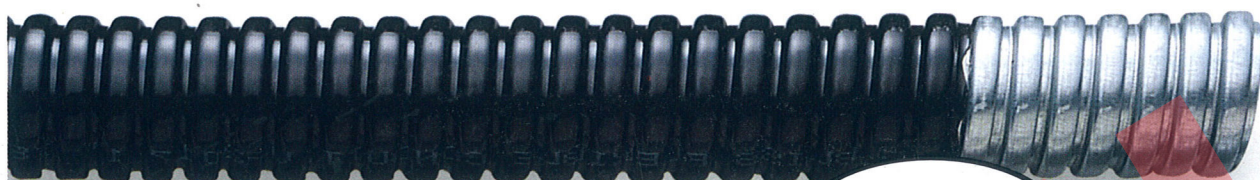
IP66

- 鍍鋅鐵皮製成，表面PVC被覆。
- 超防水性，高抗拉性、防油性及耐延燒等特性。
- 耐溫範圍-15°C至+105°C。
- 遵照UL標準製作，登錄號碼E118165。
- 3/8"至1-1/4"有嵌入一連續接地銅線，1-1/2"至4"須外加一條接地銅線，以符合國際電工法規第351節。
- 符合台電公司國產化推行委員會之火力發電廠國產化設備器材規範書第1134.201-ES-7(REV.2)，核准文號77年國產發字第099號。
- Galvanized steel core, PVC jacketed.
- Extra waterproof, high tension, oil and flame resistant.
- Temperature range form -15°C~+105°C.
- Conform to U.L. requirement ; file #E118165.
- Size 3/8" through 1-1/4" have a continuous copper ground wire built into the core. Sizes 1-1/2" through 4" must be installed with a separate ground wire to conform with NEC article 351.
- Meet Taiwan Power Company 1134.201-ES-7(REV.2) Spec. of electrical flexible conduit file 77-099.

Catalog Number	Nominal size	Inner Diameter		Outside Diameter		Min. Bending Radius	Length of Each Roll
		min.	max.	min.	max.		
		mm	mm	mm	mm		
A20660300	3/8"	12.29	12.80	17.50	18.00	50.50	30
A20660400	1/2"	15.80	16.31	20.80	21.30	82.50	30
A20660600	3/4"	20.83	21.34	26.20	26.70	108.00	30
A20661000	1"	26.44	27.08	32.80	33.40	165.00	20
A20661200	1-1/4"	35.05	35.81	41.40	42.20	203.00	20
A20661400	1-1/2"	40.10	40.64	47.40	48.30	228.50	20
A20662000	2"	51.31	51.94	59.40	60.30	282.50	15
A20662400	2-1/2"	62.99	63.63	72.10	73.00	374.50	10
A20663000	3"	77.98	78.74	87.90	88.90	444.50	10
A20664000	4"	101.60	102.62	113.30	114.30	609.50	5

7 LIQUID-TIGHT FLEXIBLE STEEL CONDUIT (BS TYPE)

防水型金屬軟管 (波浪管型)



vinyl sheath

galv. steel strip

TYPE A2017

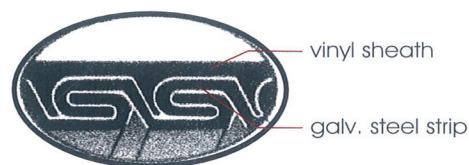
IP66

- 鍍鋅鐵皮製成，表面PVC被覆。
- 輕質結構，絕佳彎曲性能及防水性。
- 使用於大量生產型設備和工具機械，或應用於任何狹小空間之電器配管區域。
- 耐溫範圍從-10°C至+70°C。
- 灰色A2018。
- Galvanized steel core, PVC jacketed.
- Light weight style, excellent flexibility and liquid-tightness.
- Use for mass production equipment, machine tools and any narrow space for electrical wiring applications.
- Temperature range from -10°C ~ +70°C.
- A2018 pvc in gray.

Catalog Number	Nominal size	Inner Diameter		Outside Diameter		Min. Bending Radius	Length of Each Roll
		min.	max.	min.	max.		
		mm	mm	mm	mm		
A20170300	3/8"	12.30	12.80	16.70	17.20	50.00	50
A20170400	1/2"	15.80	16.30	20.20	20.70	65.00	50
A20170600	3/4"	20.70	21.20	25.50	26.10	75.00	50
A20171000	1"	26.00	26.60	31.60	32.20	100.00	50
A20171200	1-1/4"	34.70	35.40	40.80	41.50	125.00	30
A20171400	1-1/2"	40.00	40.60	46.60	47.20	150.00	30
A20172000	2"	51.30	51.90	58.10	58.70	175.00	20
A20172400	2-1/2"	63.00	63.60	71.80	72.40	200.00	10
A20173000	3"	78.00	78.70	87.20	87.90	225.00	10
A20174000	4"	101.60	102.60	111.20	112.30	275.00	5

8 LIQUID-TIGHT FLEXIBLE STEEL CONDUIT (EF TYPE)

防水型金屬軟管 (包棉紗型)



1 1/2"~4" interlocked



3/8"~1 1/4" square locked

TYPE A2067

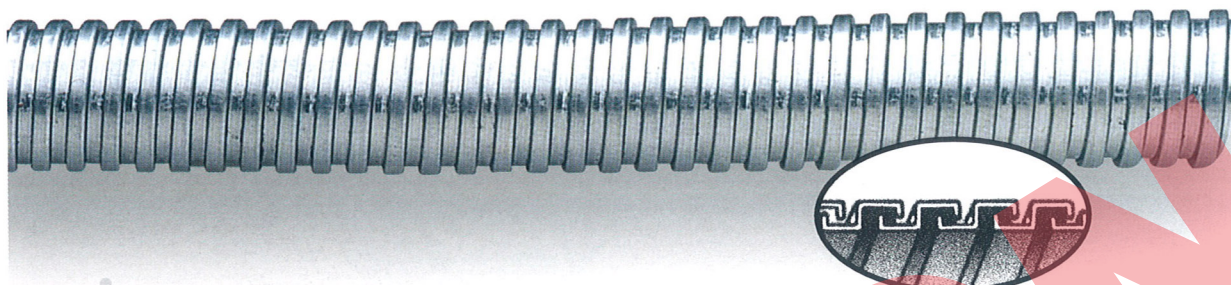
IP66

- 鍍鋅鐵皮製成，表面被覆耐延燒PVC材料。
- 極佳柔軟性及絕對防水效果。
- 具吸收移動和震動的性能，以及多方向彎曲撓性。
- 3/8"至1-1/4"嵌入一棉紗填封，1-1/2"至4"以反扣之結構方式製作。
- 耐溫範圍從-10°C至+70°C。
- 適合使用於油氣、水氣重之場所。
- 灰色A2068。
- Galvanized steel core, with flame retardant PVC jacketed.
- High flexibility, absolutely moisture-proof.
- Absorbs motion, vibration, and bending indefinitely.
- Cord packing size form 3/8" to 1-1/4" by square-locked.
- 1-1/2" through 4" by interlocked.
- Temperature range from -10°C~+70°C.
- A2068 pvc in gray.

Catalog Number	Nominal size	Inner Diameter		Outside Diameter		Min. Bending Radius	Length of Each Roll
		min.	max.	min.	max.		
		mm	mm	mm	mm		
A20670300	3/8"	12.30	12.80	17.50	18.00	60.00	50
A20670400	1/2"	15.80	16.30	20.80	21.30	80.00	50
A20670600	3/4"	20.70	21.20	26.20	26.70	100.00	30
A20671000	1"	26.20	26.80	32.70	33.40	150.00	30
A20671200	1-1/4"	34.80	35.40	41.40	42.20	180.00	20
A20671400	1-1/2"	40.10	40.60	47.40	48.30	200.00	20
A20672000	2"	51.30	51.90	59.40	60.30	250.00	15
A20672400	2-1/2"	63.00	63.60	72.10	73.00	300.00	10
A20673000	3"	78.00	78.70	87.90	88.90	450.00	10
A20674000	4"	101.60	102.60	113.20	114.30	600.00	5

9 FLEXIBLE METAL CONDUIT (SQUARE-LOCKED)

可撓性金屬軟管 (超軟型)



TYPE A2012

IP50 ILFH

- 鍍鋅鐵皮製成，不防水型。
- 輕質方型扣合結構。
- 彎曲半徑小，柔軟性佳。
- 接受下面所列之材質的訂製品。
- Galvanized steel core, non-liquidtight.
- Light weight square-locked style.
- Extremely small bending radius.
- Material available as below, on request.

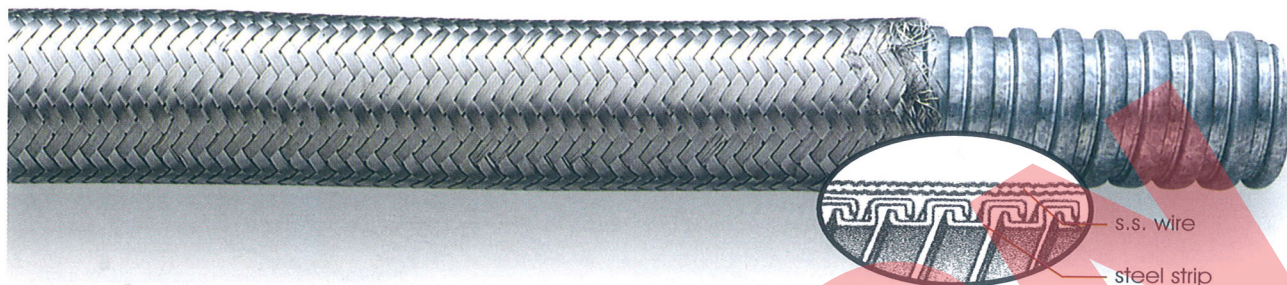
A 2 0 1 2 0 3 0 0

- 0 Tinplate
- 1 Steel strip
- 2 Galvanized steel
- 3 Stainless steel #304
- 4 Stainless steel #430
- 5 Brass

Catalog Number	Nominal size	Inner Diameter		Outside Diameter		Min. Bending Radius	Length of Each Roll
		min.	max.	min.	max.		
		mm	mm	mm	mm		
A20120300	3/8"	12.30	12.80	15.70	16.20	33.00	50
A20120400	1/2"	15.80	16.30	19.20	19.70	38.00	50
A20120600	3/4"	20.70	21.20	24.50	25.10	45.00	50
A20121000	1"	26.00	26.60	30.40	31.00	55.00	50
A20121200	1-1/4"	34.07	35.40	39.60	40.30	62.00	30
A20121400	1-1/2"	40.00	40.60	45.20	45.80	90.00	30
A20122000	2"	51.30	51.90	56.50	57.10	110.00	20
A20122400	2-1/2"	63.00	63.60	70.20	70.80	130.00	15
A20123000	3"	78.00	78.70	85.20	85.90	160.00	15
A20124000	4"	101.60	102.60	108.50	109.50	210.00	10

10 FLEXIBLE BRAIDING CONDUIT (SQUARE-LOCKED)

安全增防爆軟管 (超軟型)



TYPE A9133

IP50 ILFH

- 使用A2012型軟管編織製成。
- 內管為鍍鋅鐵皮材質。
- 外層編織網為#304不鏽鋼材質。
- 不具防水性能。
- 接受下面所列編網線絲材質的訂製品。

- Wire-braided from conduit A2012 type.
- Inner conduit made of galvanized steel.
- Outside braid made of #304 stainless steel.
- Economic type, non-liquidtight.
- Wire braiding material available as below.

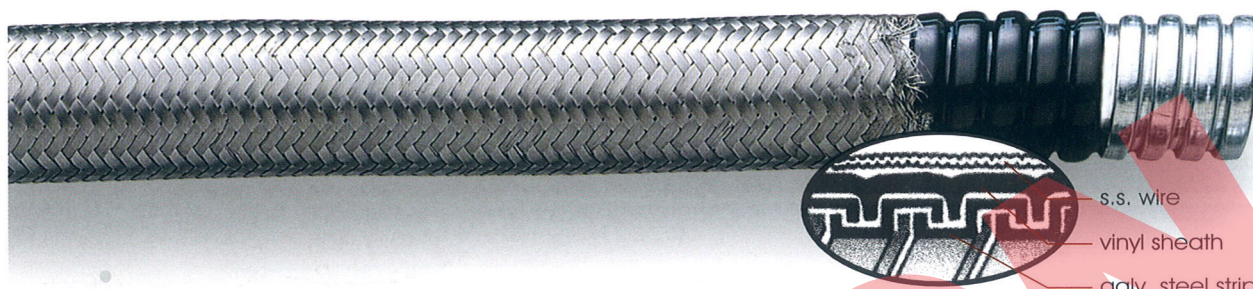
A 9 1 3 3 0 3 0 0

- 2 Galvanized steel
- 3 Stainless steel braided #304
- 4 Stainless steel braided #430
- 5 Bronze braided

Catalog Number	Nominal size	Inner Diameter		Outside Diameter		Min. Bending Radius	Length of Each Roll
		min.	max.	min.	max.		
		mm	mm	mm	mm		
A91330300	3/8"	12.30	12.80	16.70	17.20	35.00	50
A91330400	1/2"	15.80	16.30	20.40	20.90	42.00	50
A91330600	3/4"	20.70	21.20	25.70	26.30	51.00	50
A91331000	1"	26.00	26.60	31.60	32.20	62.00	50
A91331200	1-1/4"	34.70	35.40	40.80	41.50	85.00	30
A91331400	1-1/2"	40.00	40.60	46.60	47.20	99.00	30
A91332000	2"	51.30	51.90	57.90	58.50	121.00	20
A91332400	2-1/2"	63.00	63.60	72.00	72.60	145.00	15
A91333000	3"	78.00	78.70	87.00	87.70	180.00	15
A91334000	4"	101.60	102.60	110.30	111.30	230.00	10

1 FLEXIBLE WIRE BRAIDING GENERAL CONDUIT

安全增防水防爆軟管(超軟型)



TYPE A9333

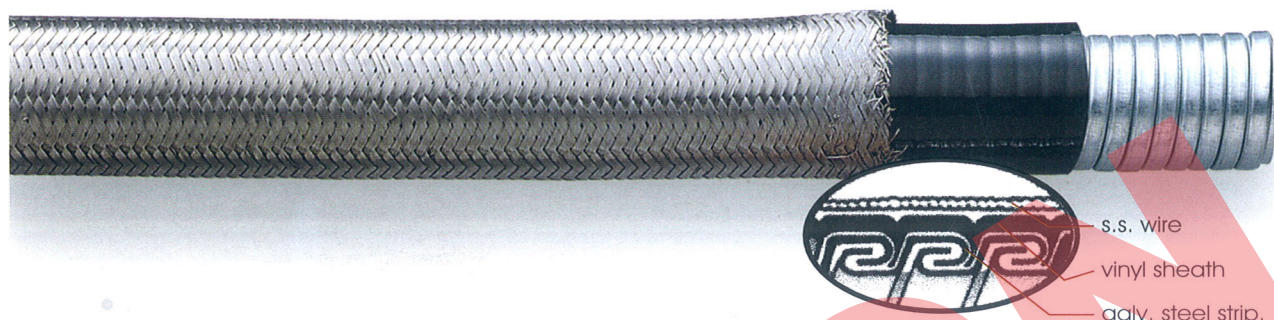
IP66

- 使用A2017型軟管編織製成。
- 內管為鍍鋅鐵皮材質及表面PVC被覆。
- 外層為#304不鏽鋼絲編織網。
- 極佳的撓曲性和防水性。
- Wire-braided from conduit A2017 type.
- Inner conduit made of galvanized steel and with PVC jacketed.
- Outside braid made of #304 stainless steel wire.
- Ultra flexible and waterproof.

Catalog Number	Nominal size	Inner Diameter		Outside Diameter		Min. Bending Radius	Length of Each Roll
		min. mm	max. mm	min. mm	max. mm		
A93330300	3/8"	12.30	12.80	17.70	18.20	70.00	50
A93330400	1/2"	15.80	16.30	21.40	21.90	90.00	50
A93330600	3/4"	20.70	21.20	26.70	27.30	110.00	50
A93331000	1"	26.00	26.60	32.80	33.40	150.00	50
A93331200	1-1/4"	34.70	35.40	42.00	42.70	175.00	30
A93331400	1-1/2"	40.00	40.60	48.00	48.60	200.00	30
A93332000	2"	51.30	51.90	59.50	60.10	230.00	20
A93332400	2-1/2"	63.00	63.60	73.60	74.20	250.00	10
A93333000	3"	78.00	78.70	89.00	89.70	300.00	10
A93334000	4"	101.60	102.60	113.00	114.10	400.00	5

12 FLEXIBLE WIRE BRAIDING LIQUID-TIGHT

安全增防水防爆軟管(抗張型)



TYPE A9533

IP66

- 使用A2067型軟管編織製成。
- 內管為鍍鋅鐵皮材質及表面PVC被覆。
- 外層為#304不鏽鋼絲編織網。
- 具防水功能及高抗拉伸性能。
- Wire-braided from conduit A2067 type.
- Inner conduit made of galvanized steel and with PVC jacketed.
- Outside braid made of #304 stainless steel wire.
- Waterproof and high tension resistant.

Catalog Number	Nominal size	Inner Diameter		Outside Diameter		Min. Bending Radius	Length of Each Roll
		min.	max.	min.	max.		
		mm	mm	mm	mm		
A95330300	3/8"	12.30	12.80	18.50	19.00	75.00	50
A95330400	1/2"	15.80	16.30	22.00	22.50	95.00	50
A95330600	3/4"	20.70	21.20	27.40	27.90	120.00	30
A95331000	1"	26.20	26.80	33.90	34.60	180.00	30
A95331200	1-1/4"	34.80	35.40	42.60	43.40	230.00	20
A95331400	1-1/2"	40.10	40.60	48.80	49.70	270.00	20
A95332000	2"	51.30	51.90	60.80	61.70	300.00	15
A95332400	2-1/2"	63.00	63.60	73.90	74.80	350.00	10
A95333000	3"	78.00	78.70	89.70	90.70	500.00	10
A95334000	4"	101.60	102.60	115.00	116.10	650.00	5

13 LOW FIRE HAZARD COVERED STEEL FLEXIBLE CONDUIT

低煙毒金屬軟管

停產



plastic sheath
galv. steel strip

TYPE F2017

IP66 LFH

- 鍍鋅鐵皮製成，表面低煙毒塑料被覆。
- 輕質結構，絕佳彎曲性能及低煙毒耐燃特性。
- 使用於任何狹小空間或通風不良、注重生命安全等之電氣配管區域。
- 耐溫範圍從-10°C~+90°C。

- Galvanized steel core, Plastic jacketed.
- Light weight style, excellent flexibility and low fire hazard low smoke.
- Use for the place with poor ventilation or the environment needs more secure care or any narrow space for electrical wiring applications.
- Temperature range from -10°C~+90°C.

【表一】

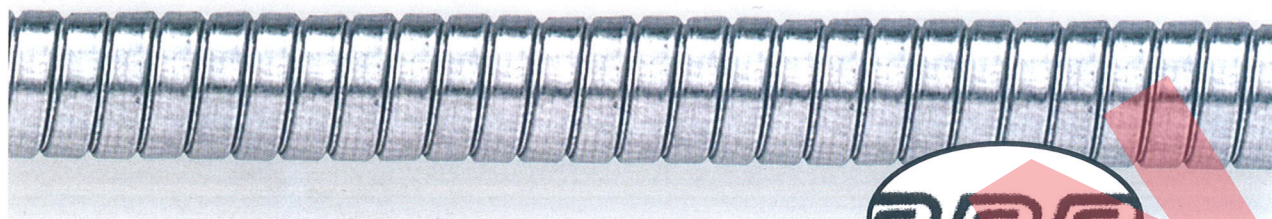
項目	物性試驗項目Property	試驗結果 Typical Value	試驗方法Method
1	耗氧指數 (LOI) Limiting Oxygen Index	32	ASTMD-2863
2	煙濃度測試 Smoke Density	25kW/M ² X20min	ASTME-662
	有焰燃燒 Flaming D _{1.5} /Dm(corr.)	195/762	
	無焰燃燒 Non-Flaming D _{1.5} /Dm(corr.)	60/211	
3	燃燒煙毒指數測試 Toxicity-Index	2.579	NES-713

Catalog Number	Nominal size	Inner Diameter		Outside Diameter		Min. Bending Radius	Length of Each Roll
		min.	max.	min.	max.		
		mm	mm	mm	mm		
A20370300	3/8"	12.30	12.80	16.70	17.20	50.00	50
A20370400	1/2"	15.80	16.30	20.20	20.70	65.00	50
A20370600	3/4"	20.70	21.20	25.50	26.10	75.00	50
A20371000	1"	26.00	26.60	31.60	32.20	100.00	50
A20371200	1-1/4"	34.70	35.40	40.80	41.50	125.00	30
A20371400	1-1/2"	40.00	40.60	46.60	47.20	150.00	30
A20372000	2"	51.30	51.90	58.10	58.70	175.00	20
A20372400	2-1/2"	63.00	63.60	71.80	72.40	200.00	10
A20373000	3"	78.00	78.70	87.20	87.90	225.00	10
A20374000	4"	101.60	102.60	111.20	112.30	275.00	5

14 FLEXIBLE METAL CONDUIT (INTER-LOCKED)

可撓性金屬軟管(抗張型)

停產



galv. steel strip.

TYPE A7013

IP50 ILFH

- 不鏽鋼鐵皮製成，不防水型。
- 重負荷反扣型扣合結構。
- 平滑的管體內面，易於電線電纜的拉線施工。
- 接受下面所列之材質的訂製品。
- Stainless Steel core, non-liquid-tight.
- Heavy duty inter-locked style, high tension.
- Smooth inner surface easy for wire pulling.
- Material available as below, on request.

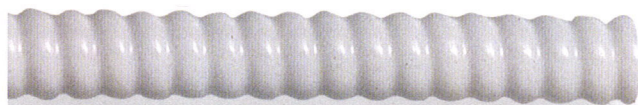
A 7 0 1 3

- 2.Galvanized Steel
- 3.Stainless Steel #304
- 4.Stainless Steel #430
- 5.Copper Strip

Catalog Number	Nominal size	Inner Diameter		Outside Diameter		Length of Each Roll
		min.	max.	min.	max.	
		mm	mm	mm	mm	
A70137600	5.30X7.60	5.25	5.45	7.55	7.75	30
A70138100	5.80X8.10	5.75	5.95	8.05	8.25	30
A70131000	8.00X10.30	7.95	8.15	10.25	10.45	30
A70131200	10.00X12.70	9.95	10.15	12.65	12.85	30
A70131600	12.50X16.60	12.30	12.80	16.36	16.87	30
A70132000	16.00X20.10	15.70	16.30	19.87	20.38	30
A70132500	20.90X25.20	20.70	21.20	24.90	25.41	30

15 LIQUID-TIGHT STAINLESS STEEL CONDUIT(SQUARE-LOCKED)

防水型小口徑不鏽鋼軟管



TYPE T2011

IP66

- 不鏽鋼鐵皮製成，表面PVC被覆。
- 輕質結構，絕佳彎曲性能及防水性。
- 耐溫範圍從-10°C~+70°C。



TYPE T2017

IP66

- Stainless steel core, PVC jacketed.
- Light weight style, excellent flexibility and liquid-tightness.
- Temperature range from -10°C~+70°C

Catalog Number	Nominal size	Inner Diameter		Outside Diameter		Length of Each Roll
		min. mm	max. mm	min. mm	max. mm	
T20111000	6.40X10.20	6.40	6.65	10.05	10.35	100
T20171000	6.40X10.20	6.40	6.65	10.05	10.35	100
T20110800	4.80X8.60	4.80	5.05	8.40	8.70	100
T20170800	4.80X8.60	4.80	5.05	8.40	8.70	100
T20111100	7.50X11.00	7.30	7.55	10.90	11.20	100
T20171100	7.50X11.00	7.30	7.55	10.90	11.20	100

STAINLESS STEEL CONDUIT(SQUARE-LOCKED)

小口徑不鏽鋼軟管



TYPE T2013(SUS304)

TYPE T2014(SUS430)

IP50 ILFH

- 不鏽鋼鐵皮製成，不防水型。
- 輕質方型扣合結構。
- 彎曲半徑小，柔軟性佳。

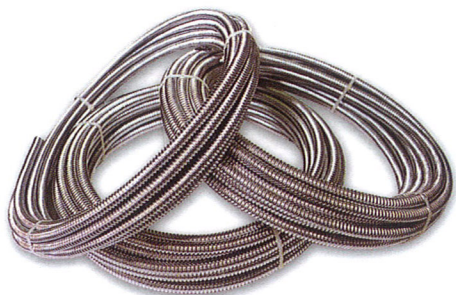
- Stainless steel core, non-liquidtight.
- Light weight squarelocked style.
- Extremely small bending radius.

Catalog Number	Nominal size	Inner Diameter		Outside Diameter		Length of Each Roll
		min. mm	max. mm	min. mm	max. mm	
T20137000	4.80X7.00	4.80	5.05	7.00	7.25	100
T20138600	6.40X8.60	6.40	6.65	8.60	8.85	100
T20139500	7.50X9.50	7.30	7.55	9.50	9.75	100

16 STAINLESS FLEXIBLE CONDUIT

不鏽鋼高壓軟管

停產 TYPE A4023 IP66 ILFH



- 使用高延展性之鎳Ni、鉻Cr，合金3D成型擠壓，經嚴格試壓檢測後，再經真空固溶化處理。
- 極佳的撓曲性，安裝簡單，安全衛生，不生鏽。
- 彎曲、長短、變化不定、耐高溫、耐高壓、防震、無毒環境之場合。
- 適用於瓦斯爐、熱水器、氣體、液體輸送。
- Made of high ductile Ni and Cr alloy, 3D shaped. After the severe pressing tests and the vacuum annealing process.
- High flexibility, easy for setting-up, corrosion-proof, safe and clean.
- Suitable for bending, different length needs, variation, high temperature, high pressure, vibration-resistant, and toxin-proof.
- Suit for using on gas stove, water heater, and transferring gas or liquid.

Catalog Number	Nominal size	Inner Diameter mm	Outside Diameter mm	Steel Sheath Thickness mm	Radius of Curvature mm	Weight kg/m	Acceptable pressure kg/m	Length of Each Roll m	Note
A40230200	1/4"	8.20	11.00	0.25	20	0.09	25	20	Different Lengths are on request
A40230300	3/8"	10.00	13.00	0.25	20	0.11	25	20	
A40230400	1/2"	12.70	16.30	0.25,0.30	20	0.16	20	20	
A40230600	3/4"	15.50	20.00	0.30	30	0.23	25	20	
A40230601	3/4"	18.00	22.00	0.25	30	0.25	20	20	
A40231000	1"	27.50	32.00	0.30	50	0.40	15	20	

PVC JACKETED STAINLESS HIGH PRESSURE FLEXIBLE CONDUIT

被覆PVC-不鏽鋼高壓軟管

停產 TYPE A4025 IP66



- 鋼板厚度增加，節距縮小，安全係數加大，撓曲性提高。
- 除有A4023之各項機械及化學特性外，便於保養更在於管外被覆一層抗紫外線耐候性良好之PVC絕緣材料。
- 耐溫、耐壓、無污染、美觀、隔熱、施工快速節省工時。
- 適用於瓦斯爐、熱水器、氣體、液體輸送。

- Reinforced thickness and close pitch enlarge safety & flexibility.
- Besides the A4023 characters of machine and chemistry, it provides better maintenance because of the UV and climate-resistant, insulating PVC material.
- Temperature, pressure, & vibration-resistant, without pollution, insulate, easy to set up.
- Suit for gas stove, water heater, and transferring gas or liquid.

Catalog Number	Nominal size	Inner Diameter mm	Outside Diameter mm	Steel Sheath Thickness mm	Radius of Curvature mm	Weight kg/m	Acceptable pressure kg/m	Length of Each Roll m	Note
A40250400	1/2"	11.20	16.30	0.30	20	0.19	25	20	Different Lengths are on request
A40250600	3/4"	15.50	21.00	0.30	30	0.30	25	20	
A40251000	1"	21.50	26.50	0.30	50	0.36	25	20	

17 PLASTIC PROTECTIVE TUBING SYSTEM

塑膠保護管系列

TYPE E2017(PE) Electrical spec. 電工規格

Temperature range (-30°C ~ +80°C)

IP66



TYPE N2017(NYLON) Europe spec. 歐洲規格

Temperature range (-30°C ~ +170°C)

IP66



- 質輕、柔軟、組裝牢固。
- 機械強度大。
- 耐候性佳。
- 電學性良好。
- 符合UL-94等級抑燃標準。

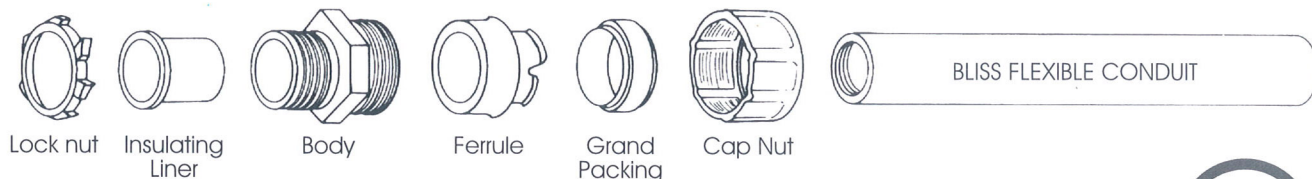
- Light, flexible, strong.
- High mechanical strength.
- High weather adaptability.
- High electrical properties.
- Meet UL-94 grade flammable retardant.

Catalog Number	Nominal size	Inner Diameter mm	Outside Diameter mm	Length of Each Roll m
E20170300	3/8"	13.80	17.80	100
E20170400	1/2"	17.20	22.00	100
E20170600	3/4"	21.20	26.00	100
E20171000	1"	28.70	34.00	50
E20171200	1 1/4"	36.00	42.00	50
E20171400	1 1/2"	40.00	48.00	50
E20172000	2"	52.00	60.00	50

Catalog Number	Nominal size	Inner Diameter mm	Outside Diameter mm	Length of Each Roll m
N20170207	1/4"	6.80	10.00	100
N20170209	5/16"	9.60	13.00	50
N20170311	3/8"	12.00	15.80	50
N20170416	1/2"	16.20	21.20	50
N20170621	3/4"	21.90	28.50	50
N20171029	1"	27.60	34.50	50
N20171236	1 1/4"	36.00	42.50	25
N20172048	2"	47.00	54.50	25

18 LIQUID-TIGHT CONNECTORS

防水軟管接頭



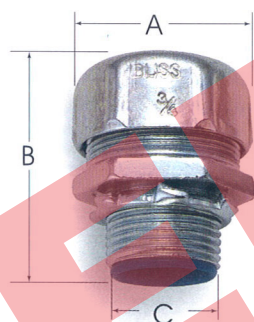
- 球狀石墨鑄鐵材質，表面電鍍處理。
- 附迫緊螺帽和絕緣護套。
- 適用於A2066,A2067,A2017型防水軟管。

- Ductile Cast iron, zinc plated.
- Furnished with lock nut and insulating liner.
- For Liquid-tight flexible conduits type A2066,A2067,A2017.

IP66

TYPE B2101

Straight (180°盒接頭)



Catalog Number	Nominal size	Dimension (approx)mm				Thread	Pcs/ Packet
		I.D	A	B	C		
B21010300	3/8" *	11.00	27.00	38.10	21.30	NPT 1/2	100
B21010400	1/2" *	14.50	34.60	39.70	21.30	NPT 1/2	100
B21010600	3/4" *	19.50	42.00	41.30	26.70	NPT 3/4	50
B21011000	1" *	25.00	47.40	52.30	33.40	NPT 1	50
B21011200	1-1/4" *	33.50	58.00	60.50	42.20	NPT 1-1/4	25
B21011400	1-1/2" *	38.00	65.00	68.30	48.30	NPT 1-1/2	20
B21012000	2" *	49.50	78.00	80.50	60.30	NPT 2	10
B21012400	2-1/2" *	61.00	99.20	100.00	73.00	NPT 2-1/2	1
B21013000	3" *	76.00	118.30	105.00	88.90	NPT 3	1
B21014000	4" *	99.00	145.30	110.00	114.30	NPT 4	1

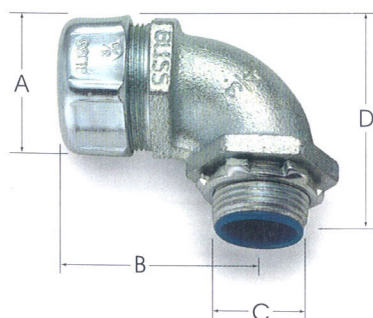
註:"*"另有一種鑄鋅材質B2102

PS:"*"Another type B2102, by Die cast zinc.

IP66

TYPE L2101

90°Angle (90°彎接頭)



Catalog Number	Nominal size	Dimension (approx)mm				Thread	Pcs/ Packet
		I.D	A	B	D		
L21010300	3/8" *	11.00	29.00	43.00	47.00	NPT 1/2	50
L21010400	1/2" *	14.50	34.60	39.70	53.00	NPT 1/2	50
L21010600	3/4" *	19.50	42.00	55.00	60.00	NPT 3/4	50
L21011000	1" *	25.00	47.40	61.00	77.00	NPT 1	25
L21011200	1-1/4" *	33.50	58.00	75.00	81.00	NPT 1-1/4	15
L21011400	1-1/2" *	38.00	65.00	85.00	100.00	NPT 1-1/2	10
L21012000	2" *	49.50	78.00	105.10	110.00	NPT 2	5
L21012400	2-1/2" *	61.00	99.20	180.00	205.00	NPT 2-1/2	1
L21013000	3" *	76.00	118.30	200.00	235.00	NPT 3	1
L21014000	4" *	99.00	145.30	250.00	305.00	NPT 4	1

註:"*"另有一種鑄鋅材質L2102

PS:"*"Another type L2102, by Die cast zinc.

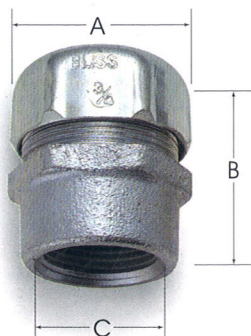
19 LIQUID-TIGHT CONNECTORS

防水軟管接頭

IP66

TYPE C2101

(內牙管接頭) Combination Coupling

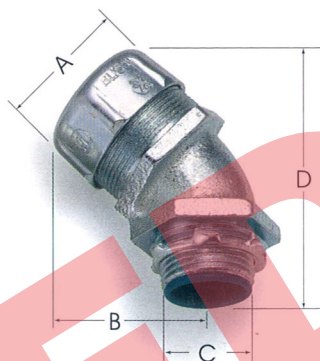


Catalog Number	Nominal size	Dimension (approx)mm			Thread	Pcs/ Packet
		I.D	A	B		
C21010400	1/2" *	14.50	34.60	39.70	NPT 1/2	100
C21010600	3/4" *	19.50	42.00	41.30	NPT 3/4	50
C21011000	1" *	25.00	47.40	52.30	NPT 1	50
C21011200	1-1/4"*	33.50	58.00	60.50	NPT 1-1/4	25
C21011400	1-1/2"*	38.00	65.00	68.30	NPT 1-1/2	20
C21012000	2" *	49.50	78.00	80.50	NPT 2	10
C21012400	2-1/2"*	61.00	99.20	100.00	NPT 2-1/2	1
C21013000	3" *	76.00	118.30	105.00	NPT 3	1
C21014000	4" *	99.00	145.30	110.00	NPT 4	1

IP66

TYPE N2101

45°Angle (45°彎接頭)



Catalog Number	Nominal size	Dimension (approx)mm				Thread	Pcs/ Packet
		I.D	A	B	D		
N21010300	3/8"	11.00	29.00	31.00	57.00	NPT 1/2	50
N21010400	1/2"	14.50	34.60	32.00	59.00	NPT 1/2	50
N21010600	3/4"	19.50	42.00	40.00	70.00	NPT 3/4	50
N21011000	1"	25.00	47.40	46.50	80.00	NPT 1	25
N21011200	1-1/4"	33.50	58.00	53.00	97.00	NPT 1-1/4	15
N21011400	1-1/2"	38.00	65.00	60.00	110.00	NPT 1-1/2	10
N21012000	2"	49.50	78.00	75.00	130.00	NPT 2	5
N21012400	2-1/2"	61.00	99.20	105.00	190.00	NPT 2-1/2	1
N21013000	3"	76.00	118.30	120.00	220.00	NPT 3	1
N21014000	4"	99.00	145.30	140.00	270.00	NPT 4	1

IP66

TYPE E2101

(EMT管接頭)

TYPE P2101

(RSG/PVC管接頭)

Combination Coupling



Catalog Number	Nominal size	Dimension (approx)mm			RSG/PVC	EMT	Pcs/ Packet
		I.D	A	B	D	D	
E21010400	1/2" *	14.50	34.60	39.70	22.40	19.60	100
E21010600	3/4" *	19.50	42.00	41.30	27.20	25.90	50
E21011000	1" *	25.00	47.40	52.30	34.50	32.30	50
E21011200	1-1/4"*	33.50	58.00	60.50	42.60	38.60	25
E21011400	1-1/2"*	38.00	65.00	68.30	48.60	51.30	20
E21012000	2" *	49.50	78.00	80.50	60.80	64.00	10
E21012400	2-1/2"*	61.00	99.20	100.00	76.80	76.80	1
E21013000	3" *	76.00	118.30	105.00	90.00	-	1
E21014000	4" *	99.00	145.30	110.00	115.00	-	1

註:(1)45°型和90°型"C"的尺寸同盒接頭所示。

(2)接受訂製BS,MM,PT,PF等規格之螺紋。

(3)E型表示接EMT管用，P型表示接PVC管用。

(4)"*"另有一種鑄鋅材質E2102,P2102,C2102。

PS:(1)TYPE L & TYPE N, The dimension "c" the same as TYPE B.

(2)The Thread available with BS, MM, PT, PF,on request.

(3)TYPE E & TYPE P, The dimension "C" the same as TYPE C. E is W/EMT, P is W/PVC tube.

(4)"*"Another type E2102, P2102, C2102 by Die cast zinc body.

20 LIQUID-TIGHT CONNECTORS

防水軟管接頭

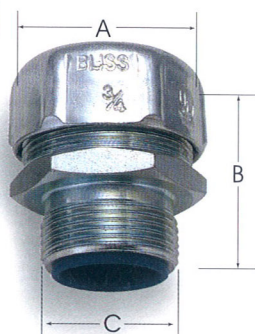
PG接頭 >>>>

- 鍛鐵材質，表面電鍍處理。
- 附絕緣護套。
- 適用於A2066,A2067,A2017型防水軟管。

- Steel, zinc plated.
- Furnished with insulating liner.
- For Liquid-tight flexible conduits type A2066,A2067,A2017.

TYPE B2161

IP66



Catalog Number	Nominal size	Dimension (approx)mm				Thread	Pcs/ Packet	Reference
		I.D	A	B	C			
B21610309	3/8"	11.00	29.00	38.10	15.20	PG9	100	DIN40430
B21610311	3/8"	11.00	29.00	38.10	18.60	PG11	100	DIN40430
B21610313	3/8"	11.00	29.00	38.10	20.40	PG13.5	100	DIN40430
B21610316	3/8"	11.00	29.00	38.10	22.50	PG16	100	DIN40430
B21610413	1/2"	14.50	34.60	39.70	20.40	PG13.5	100	DIN40430
B21610416	1/2"	14.50	34.60	39.70	22.50	PG16	100	DIN40430
B21610421	1/2"	14.50	34.60	39.70	28.30	PG21	100	DIN40430
B21610621	3/4"	19.50	42.00	41.30	28.30	PG21	50	DIN40430

註:另有鑄鋅本體B2162。

PS:Another type B2162, by Die cast zinc body.

尼龍接頭 >>>>

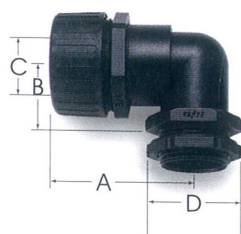
- 尼龍-6製成。
- 質輕・快速組裝。
- 機械強度大。
- 耐候性佳。
- 電學性良好。
- 符合UL-94等級抑燃標準。
- 適用於A2017及A2067型防水軟管。

- Made by Polyamine.(Nylon-6).
- Lightweight, quick assembly.
- High mechanical strength.
- High weather adaptability.
- High electrical properties.
- Meet UL-94 grade flammable retardant.
- For Liquid-tight flexible conduits type A2017 & type A2067.

TYPE B2439

TYPE L2439

IP66



Catalog Number	Nominal size	A	B	C	D	Thread	Pcs/ Packet
B24390300	3/8"	36.00	13.00	11.00	28.00	PF1/2	100
B24390400	1/2"	36.00	13.00	14.50	33.00	PF1/2	100
B24390600	3/4"	41.00	13.00	19.50	39.00	PF3/4	50
B24391001	1"	46.00	17.00	25.00	47.50	PF1	50
B24391201	1-1/4"	50.00	18.00	33.50	55.50	PF1-1/4	25

Catalog Number	Nominal size	A	B	C	D	Thread	Pcs/ Packet
L24390300	3/8"	44.00	22.00	11.00	29.00	PF1/2	50
L24390400	1/2"	44.00	22.00	14.50	29.00	PF1/2	50
L24390600	3/4"	51.00	25.00	19.50	36.00	PF3/4	50
L24391001	1"	60.00	30.00	25.00	47.50	PF1	25
L24391201	1-1/4"	68.00	35.00	33.50	55.50	PF1-1/4	20

21 SCREW-IN FLEXIBLE CONNECTORS

牙圈式軟管接頭

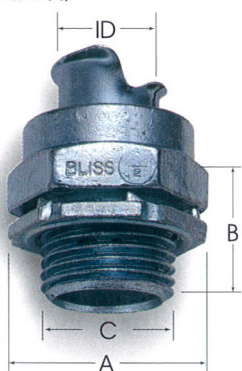
- 鑄鋅材質，表面鍍鋅處理。
- 適用於A2017, A2012型金屬軟管。

- Die cast zinc, zinc plated.
- For flexible conduit type A2017, A2012.

IP50

TYPE B1132

(外牙盒接頭)

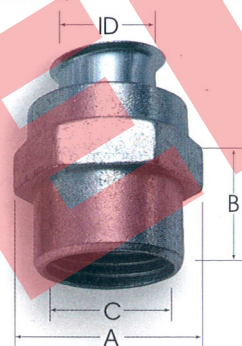


Catalog Number	Nominal size	Dimension (approx)mm				Thread (Male)	Pcs/ Packet
		I.D	A	B	C		
B11320300	3/8"	11.00	25.00	20.00	21.30	PF1/2	100
B11320400	1/2"	14.50	27.00	21.00	21.30	PF1/2	100
B11320600	3/4"	19.50	32.00	21.00	26.70	PF3/4	100

IP50

TYPE C1132

(內牙管接頭)

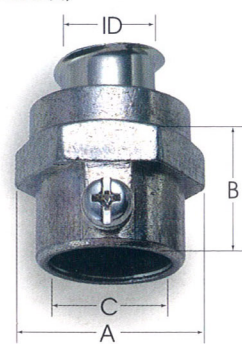


Catalog Number	Nominal size	Dimension (approx)mm				Thread Female	Pcs/ Packet
		I.D	A	B	C		
C11320300	3/8"	11.00	25.00	20.00	24.00	PF1/2	100
C11320400	1/2"	14.50	27.00	21.00	24.00	PF1/2	100
C11320600	3/4"	19.50	32.00	21.00	29.50	PF3/4	100

IP50

TYPE E1152

(無牙管接頭)



Catalog Number	Nominal size	Dimension (approx)mm				EMT (tube size)	Pcs/ Packet
		I.D	A	B	C		
E11520300	3/8"	11.00	25.00	20.00	24.00	15.90	100
E11520400	1/2"	14.50	27.00	21.00	24.00	19.10	100
E11520600	3/4"	19.50	32.00	21.00	29.50	25.40	100

22 FLEXIBLE CONDUIT CONNECTORS

可撓性金屬軟管接頭

鑄鋅螺旋直接頭 >>>>

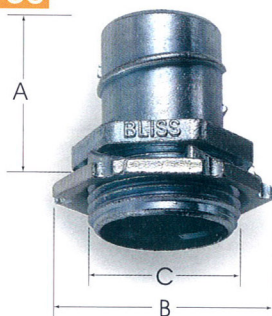
- 鑄鋅材質，表面鍍鋅處理。
- 使用於A2012、A2082可撓性金屬軟管。

SCREW-IN CONNECTORS

- Die cast zinc, zinc plated.
- For Flexible steel conduit type A2012, A2082.

TYPE B4432

IP50



Catalog Number	Nominal size	Dimension (approx)mm			Thread	Pcs/ Packet
		A	B	C		
B44320300	3/8"	32.00	23.00	21.30	PF1/2	200
B44320400	1/2"	35.00	23.00	21.30	PF1/2	200
B44320600	3/4"	41.00	28.00	26.70	PF3/4	100
B44321000	1"	49.00	35.00	33.40	PF1	50

MS/CONNECTORS ADAPTER

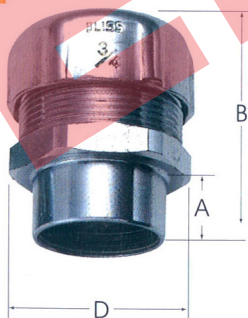
MS中間接頭

- 可撓性軟管與MS接頭之中間接頭。

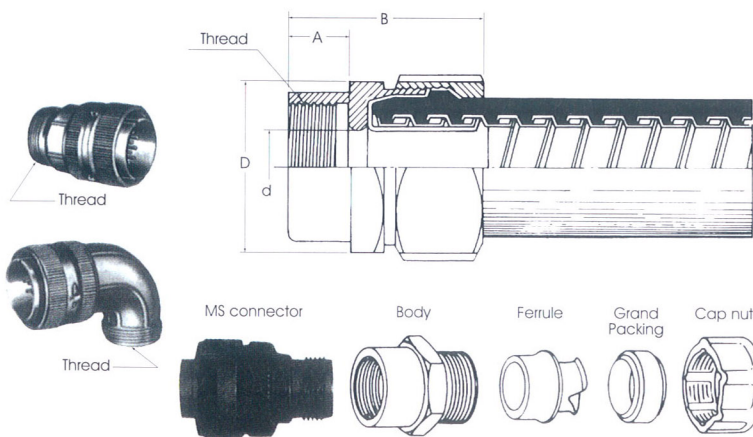
- For flexible conduit/MS connectors.

TYPE C8096

IP66

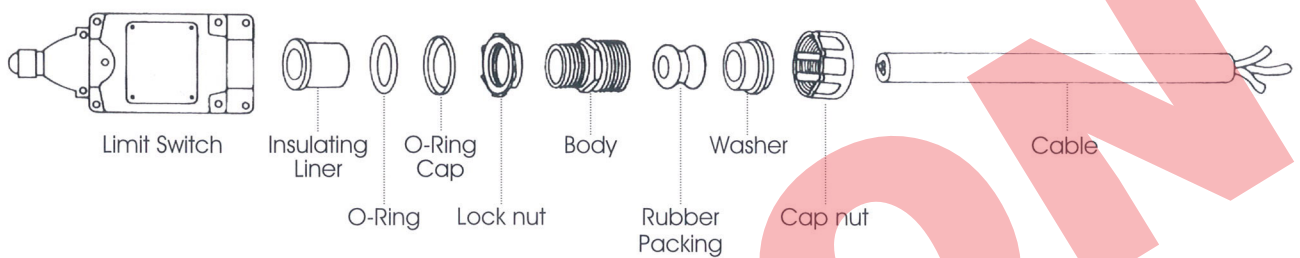
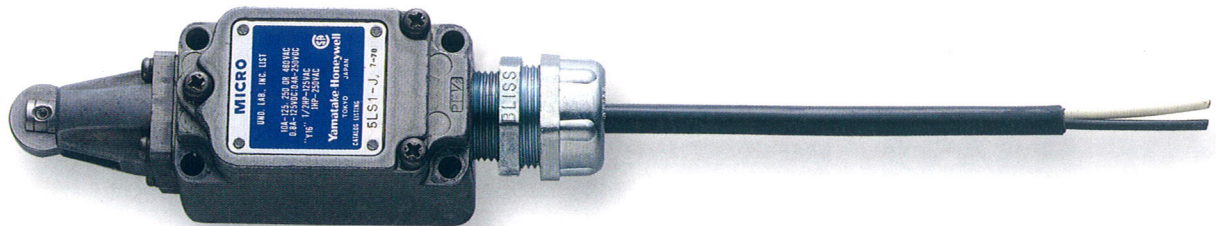


Catalog Number	Conduit size	MS size	Connectors				Same MS-3057	Pcs/ Packet
			A	B	D	Thread size(2B)		
C80960310	3/8"	10SL, 12S	12.00	35.00	26.00	5/8" 24NEF	4A	100
C80960314	3/8"	14S	12.00	35.00	26.00	3/4" 20UNEF	6A	100
C80960318	3/8"	18	12.00	35.00	29.00	1" -20UNEF	10A	100
C80960416	1/2"	16, 16S	12.00	35.00	29.00	7/8"-20UNEF	8A	100
C80960418	1/2"	18	12.00	35.00	29.00	1" -20UNEF	10A	100
C80960420	1/2"	20, 22	12.00	35.00	35.00	1-3/16" -18NEF	12A	100
C80960618	3/4"	18	12.00	35.00	35.00	1" -20UNEF	10A	50
C80960620	3/4"	20, 22	12.00	35.00	35.00	1-3/16" -18NEF	12A	50
C80960624	3/4"	24, 28	12.00	35.00	41.00	1-7/16" -18NEF	16A	50
C80961020	1"	20, 22	12.00	45.00	41.00	1-3/16" -18NEF	12A	50



23 CORD GRIP CONNECTORS

電纜線夾緊防水接頭

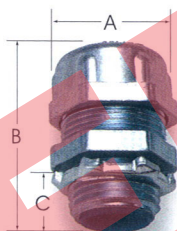


●極限開關電纜線夾緊防水接頭。

●For limit switch / power cable liquid-tight connectors.

IP66 (ST)

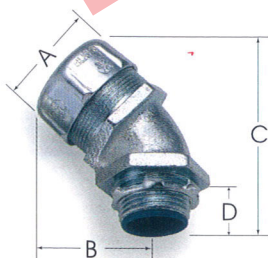
TYPE B7132



Catalog Number	Nominal size	Dimension (approx)mm			Suit for cable size mm	Thread	Pcs/ Packet
		A	B	C			
B71320304	3/8"	29.00	38.00	12.50	4.00 - 8.00	PF 1/2	100
B71320308	3/8"	29.00	38.00	12.50	8.00 - 12.00	PF 1/2	100
B71320312	3/8"	29.00	38.00	12.50	12.00 - 15.00	PF 1/2	100
B71320615	3/4"	42.00	41.30	14.00	15.00-18.00	PF 3/4	50
B71321018	1"	47.40	52.30	17.50	18.00-24.00	PF 1	50
B71321224	1 1/4"	58.00	60.50	18.00	24.00-32.00	PF 1-1/4	25

IP66 (45°)

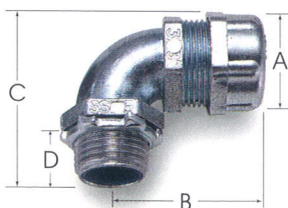
TYPE N7131



Catalog Number	Nominal size	Dimension (approx)mm			Suit for cable size mm	Thread	Pcs/ Packet
		A	B	C			
N71310304	3/8"	29.00	31.00	57.00	4.00-8.00	NPT 1/2	50
N71310308	3/8"	29.00	31.00	57.00	8.00 - 12.00	NPT 1/2	50
N71310312	3/8"	29.00	31.00	57.00	12.00-15.00	NPT 1/2	50

IP66 (90°)

TYPE L7132



Catalog Number	Nominal size	Dimension (approx)mm			Suit for cable size mm	Thread	Pcs/ Packet
		A	B	C			
L71320304	3/8"	29.00	43.00	47.00	4.00-8.00	PF 1/2	50
L71320308	3/8"	29.00	43.00	47.00	8.00-12.00	PF 1/2	50
L71320312	3/8"	29.00	43.00	47.00	12.00-15.00	PF 1/2	50
L71320615	3/4"	42.00	55.00	60.00	15.00-18.00	PF 3/4	50

註:(1)型號N, L, 尺寸"D"如型號B之C。

(2)接受訂製NPT, BS, MM, PT之螺紋。

(3)O環及O環蓋須另外訂購。

PS:(1)Type N & Type L, The dimension "D" the same as the Type B's dimension C.

(2)The thread available with NPT, BS, MM, PT, on request.

(3)The finished products are without O-Ring and O-Ring cap, except for order.

電纜線及保護管同時夾緊防水接頭



PS:(1)The finished products are without O-Ring cap, except for order.

25 FERRULE & LOCKNUTS

牙圈管端套及固定螺帽

●適合各種軟管。

●For all kinds of flexible conduit.

TYPE K2196

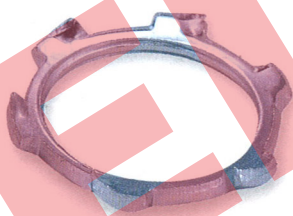
FERRULE 牙圈管端套



Catalog Number	Suit for conduit size	Pcs/ Packet
K21960300	3/8"	200
K21960400	1/2"	200
K21960600	3/4"	200
K21961000	1"	200
K21961200	1-1/4"	100
K21961400	1-1/2"	100
K21962000	2"	50
K21962400	1-1/2"	20
K21963000	3"	10
K21964000	4"	10

TYPE K2106

LOCKNUTS 固定螺帽



Catalog Number	Nominal size	Pcs/ Packet
K21060400	1/2"	100
K21060600	3/4"	100
K21061000	1"	50
K21061200	1-1/4"	50
K21061400	1-1/2"	50
K21062000	2"	50
K21062400	2-1/2"	25
K21063000	3"	25
K21064000	4"	25

TYPE M1496

CONDUIT CLIP 軟管固定座



Catalog Number	Nominal size	Pcs/ Packet
M14960300	3/8"	100
M14960400	1/2"	100
M14960600	3/4"	100
M14961000	1"	100

26 CONNECTORS FOR PLASTIC PROTECTIVE TUBING SYSTEM

塑膠保護管接頭

尼龍接頭 >>>>

- 尼龍-6製成。
- 電學性良好。
- 質輕・快速組裝。
- 符合UL-94等級抑燃標準。
- 機械強度大。
- 適用於E2017及N2017型防水軟管。
- 耐候性佳。
- Made by Polyamine.(Nylon-6).
- High electrical properties.
- Lightweight, quick assembly.
- Meet UL-94 grade flammable retardant.
- High mechanical strength.
- For Liquid-tight flexible conduits type E2017 & type N2017.
- High weather adaptability.

TYPE B0419

IP66

SUITABLE E2017 適用



Catalog Number	Nominal size	A mm	B mm	D mm	Thread	Suitable conduit mm	Pcs/ Packet
B04190300	3/8"	36.00	13.00	28.00	PF1/2	17.80	100
B04190400	1/2"	36.00	13.00	33.00	PF1/2	22.00	100
B04190600	3/4"	41.00	13.00	39.00	PF3/4	26.00	50
B04191000	1"	46.00	17.00	47.50	PF1	34.00	50
B04191200	1-1/4"	50.00	18.00	55.50	PF1-1/4	42.00	25

TYPE B0439

IP66

SUITABLE N2017 適用

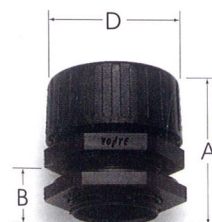


Catalog Number	Nominal size	A mm	B mm	D mm	Thread	Suitable conduit mm	Pcs/ Packet
B04390200	5/16"	36.00	13.00	28.00	PF1/2	13.00	100
B04390300	3/8"	36.00	13.00	28.00	PF1/2	15.80	100
B04390400	1/2"	36.00	13.00	33.00	PF1/2	21.20	100
B04390600	3/4"	41.00	13.00	39.00	PF3/4	28.50	50
B04391000	1"	46.00	17.00	47.50	PF1	34.50	50
B04391200	1-1/4"	50.00	18.00	55.50	PF1-1/4	42.50	25

TYPE B7439

IP66

CORD GRIP CONNECTORS
電纜線夾緊接頭



Catalog Number	Nominal size	A mm	B mm	D mm	Thread	Suit for cable size mm	Pcs/ Packet
B74390304	3/8"	36.00	13.00	28.00	PF1/2	4.00-8.00	100
B74390308	3/8"	36.00	13.00	33.00	PF1/2	8.00-12.00	100
B74390312	3/8"	36.00	13.00	33.00	PF1/2	12.00-15.00	50
B74390615	3/4"	41.00	13.00	39.00	PF3/4	15.00-18.00	50
B74391018	1"	46.00	17.00	47.50	PF1	18.00-24.00	50
B74391224	1-1/4"	50.00	18.00	55.50	PF1-1/4	24.00-32.00	25

27 CONNECTORS FOR PLASTIC PROTECTIVE TUBING SYSTEM

塑膠保護管接頭

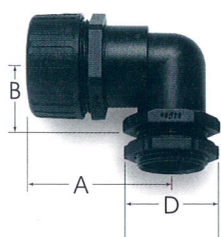
尼龍接頭 >>>>

- 尼龍-6製成。
- 電學性良好。
- Made by Polyamine.(Nylon-6).
- High electrical properties.
- 質輕・快速組裝。
- 符合UL-94等級抑燃標準。
- Lightweight, quick assembly.
- Meet UL-94 grade flammable retardant.
- 機械強度大。
- 適用於E2017及N2017型防水軟管。
- High mechanical strength.
- For Liquid-tight flexible conduits type E2017 & type N2017.
- 耐候性佳。
- High weather adaptability.

TYPE L0419

IP66

SUITABLE E2017 適用

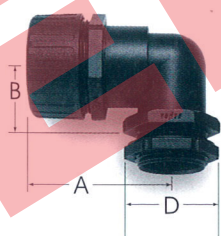


Catalog Number	Nominal size	A mm	B mm	D mm	Thread	Suitable conduit mm	Pcs/ Packet
L04190300	3/8"	36.00	13.00	28.00	PF1/2	17.80	50
L04190400	1/2"	36.00	13.00	33.00	PF1/2	22.00	50
L04190600	3/4"	41.00	13.00	39.00	PF3/4	26.00	50
L04191000	1"	46.00	17.00	47.50	PF1	34.00	25
L04191200	1-1/4"	50.00	18.00	55.50	PF1-1/4	42.00	15

TYPE L0439

IP66

SUITABLE N2017 適用

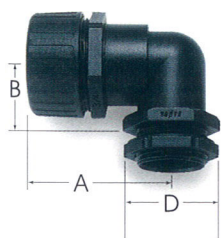


Catalog Number	Nominal size	A mm	B mm	D mm	Thread	Suitable conduit mm	Pcs/ Packet
L04390200	5/16"	36.00	13.00	28.00	PF1/2	13.00	50
L04390300	3/8"	36.00	13.00	28.00	PF1/2	15.80	50
L04390400	1/2"	36.00	13.00	33.00	PF1/2	21.20	50
L04390600	3/4"	41.00	13.00	39.00	PF3/4	28.50	50
L04391000	1"	46.00	17.00	47.50	PF1	34.50	25
L04391200	1-1/4"	50.00	18.00	55.50	PF1-1/4	42.50	15

TYPE L7439

IP66

90° CORD GRIP CONNECTORS
90° 電纜線夾緊接頭



Catalog Number	Nominal size	A mm	B mm	D mm	Thread	Suit for cable size mm	Pcs/ Packet
L74390304	3/8"	36.00	13.00	28.00	PF1/2	4.00-8.00	100
L74390308	3/8"	36.00	13.00	33.00	PF1/2	8.00-12.00	100
L74390312	3/8"	36.00	13.00	33.00	PF1/2	12.00-15.00	50
L74390615	3/4"	41.00	13.00	39.00	PF3/4	15.00-18.00	50

28 FLEXIBLE CARRIER & OTHER CONNECTORS

方型游動護管，其他接頭

TYPE B5439

尼龍快速接頭(無牙圈-PF牙)



Catalog Number	Nominal size	Thread	Pcs/ Packet
B54390300	3/8"	PF1/2	100
B54390400	1/2"	PF1/2	100
B54390600	3/4"	PF3/4	50

TYPE L5439

尼龍快速接頭(無牙圈-PF牙)



Catalog Number	Nominal size	Thread	Pcs/ Packet
L54390300	3/8"	PF1/2	100
L54390400	1/2"	PF1/2	100
L54390600	3/4"	PF3/4	50

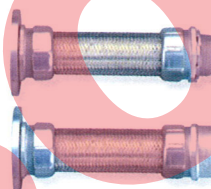
TYPE K2499

尼龍牙圈



Catalog Number	Nominal size	Pcs/ Packet
K24990300	3/8"	200
K24990400	1/2"	200
K24990600	3/4"	200

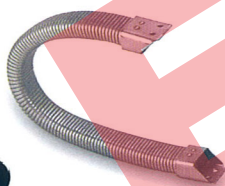
TYPE H9333



懸吊法蘭
(適用於承吊控制盤)

TYPE A8012

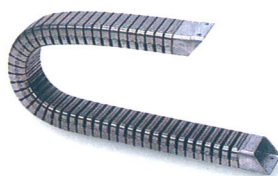
方型連動保護管(鍍鋅鐵板一體成形)



型號	Outside WxH/mm	Inside WxH/mm	Bending Radius/mm
1	50x30	43x23	100
2	80x45	73x38	120
3	110x60	102x52	140
4	130x65	122x57	150
5	145x45	137x37	150
6	150x70	142x62	170
7	170x80	162x72	200

TYPE CF101

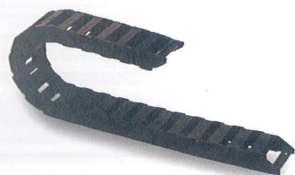
方型連動保護管(304不銹鋼板+PA材質)



型號	Outside WxH/mm	Inside WxH/mm	Bending Radius/mm
1	60x36	45x25	60,100,150
2	90x53	74x40	100,150,200,250
3	118x67	102x52	100,150,200,250,300
3.5	118x92	105x72	150
4	182x92	162x72	150,250,350,450

TYPE A8019

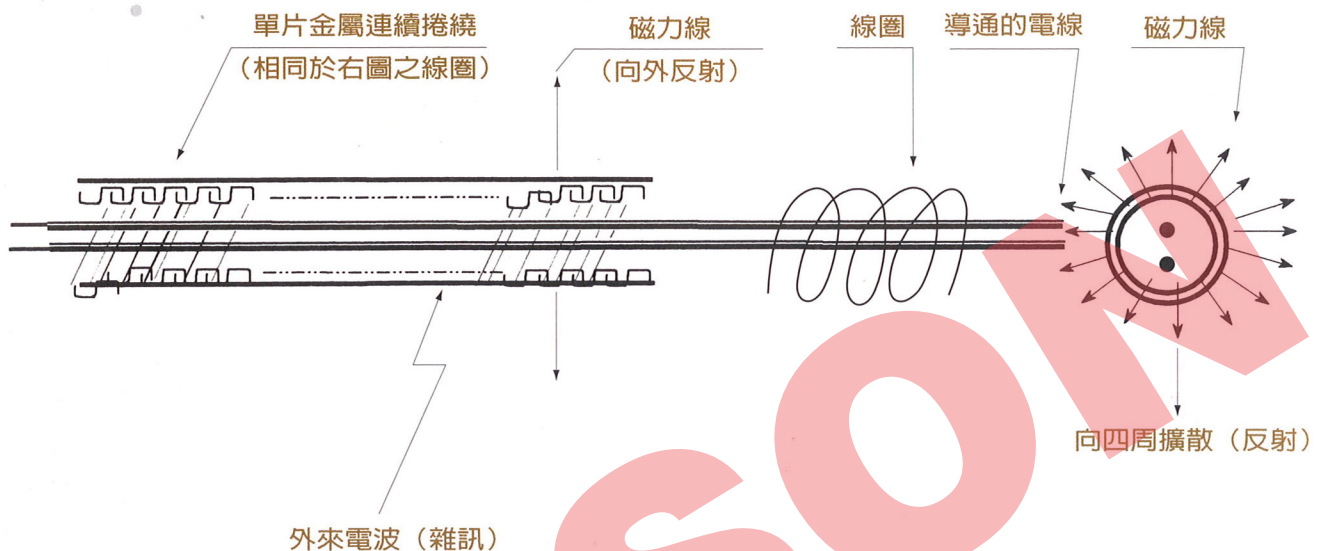
開放式塑鋼鏈條(PA材質)



型號	Outside WxH/mm	Inside WxH/mm	Bending Radius/mm
A8019-0(0320.20)	24X25	13X19	37
A8019-1(0320.42)	35X27	24X19	37,47,77,100
A8019-2(0450.21)	54X40	38X24	52,94,125,150
A8019-3(0450.41)	74X40	58X24	52,94,125,150,200
A8019-4(0450.61)	94X40	78X24	85,94,125,150,200
A8019-5(0625.23)	93X62	65X34	90,125,200,300
A8019-6(0625.43)	136X62	108X34	90,125,200,300

>>>EMI Screen System (EMI= Electromagnetic Interference) 電磁干擾屏蔽
電線保護管應用於資訊、通訊和其他電器上之功能：

EMI- 電磁干擾也是一種環境污染，長期對人體也是一種無形的殺手



>>>說明：

1. 導通的電線、訊號線，被電線保護管（金屬的）包圍住，就像上圖顯示的電線與線圈的關係，在管的四周產生極強向外擴散的磁力線。而將外來的雜訊反射出去，形成對管內傳輸的訊號產生保護的作用，而不會干擾傳輸的品質，使通訊沒有雜音，傳輸的數位訊號不會亂碼。這就是增加電器產品的電磁耐受力（EMS）。
2. 相反的，由於電器品的電源線是電頻干擾發生的源頭，電磁干擾藉由電源線向外發射（射干），使用電線保護管加以屏蔽，則可使電磁干擾（EMI）降到最低。
3. $EMI + EMS = EMC$ （電磁相容性）

Fire Performance

防火特性：

本公司製造之電線保護管皆具備耐燃、抑燃防火特性，
茲列舉2種防火產品特性說明：

1. 低煙毒防火產品特性 Low Fire Hazard (LFH)，產品型號A2037，內管為金屬材質，外層塑料被覆，其特徵為表面塑料只含極低煙毒成份，高溫燃燒時不易產生有毒氣體。詳細物性試驗項目、試驗結果、試驗方法見13頁表（一）。
2. 固有防火產品特性 Inherent Low Fire Hazard (ILFH)，產品型號A2082、A2012、A9133、A7013、T2013、T2014，其特徵為管體表面沒有塑料被覆，管體為金屬材質製成或管體外層被覆金屬編織網。

HAZARDOUS (CLASSIFIED) LOCATION 危險(分級)場所				
I.E.C./J.E.C 德國/日本	N.E.C./C.E.C 美國/加拿大	National Electric Code (Nec) Classification Chart 國際電工法則 (NEC500,501,502,503) 分級圖		NEC防爆等級
ZONE區	CLASS級	DIVISION區域	GROUP組	適用產品
0 1	I : GAS (氣體)	1. HAZARD EXISTS Area where GASES or VAPORS are normally present. (危險區：瓦斯或氣體普遍存在之區域)	A. Acetylene (乙炔) B. Hydrogen (氫) C. Ethyl, Etc, Ether (乙基，醚，四乙鉛) D. Gasoline, Hexane Natural Gas (汽油，天然瓦斯) Methane (甲苯)	A9833 不鏽鋼耐防爆軟管 A4013(包織網) CID1
2		2. POTENTIAL HAZARD Area where GASES or VAPORS are handled or stored, but are normally confined or in closed container systems (潛在危險區：有瓦斯或氣體之存在但限制儲存於密閉容器中之區域)		A2066+ B2101/L2101防水型 金屬軟管(UL型)+防水軟管接頭(UL型) CID2/CIID1,D2/CIID1,D2
10	II : DUST (灰塵)	1. HAZARD EXISTS Area where combustible DUST is always present. (危險區：易燃的灰塵經常存在之區域)	E. Metal Dust, Aluminum, Magnesium, etc. (金屬性塵埃，鋁，鎂，...) F. Carbon Black, Coal, Dust Coke Dust(黑碳，煤塵，焦炭) G. Flour, Grain (麵粉末，穀粒)	A2067 防水型金屬軟管(棉紗型) B2101/L2101 防水軟管接頭(UL型) A9333 安全增防爆軟管 A9533 安全增防爆軟管 CIID1,D2/CIID1,D2
11		2. POTENTIAL HAZARD Area where combustible DUST is present in atmosphere. (潛在危險區：易燃的塵土存在於空氣中的區域)		
	III : FIBERS (纖維)	1. PRODUCTION AREAS. (生產區域)	No Groups (無組別) Atmospheres with Textile, Wood or Synthetic Fibers. (空氣中充滿紡織品纖維，木屑或人造纖維。)	A2017 防水型金屬軟管(波浪型) B2102/L2102 防水軟管接頭 A9133 安全增防爆軟管 CIID1,D2
		2. HANDLING OR STORAGE AREAS (儲存區)		

THREAD DATA

PF Japanese conduit thread conforming to JIS B 0202				NPT US taper seal pipe thread conforming to ANSI/ASME B1.20.1-1983			PG German Standard thread conforming to DIN40430				METRIC Standard thread conforming to EN60423&bs3643				TWPT Thin-wall application pipe thread JISB0204			
Thread Size (inches)	Thread Outside Diameter	Thread Inside Diameter	PITCH	Thread Size (inches)	Thread Outside Diameter	PITCH	Thread Size	Thread Outside Diameter	Thread Inside Diameter	PITCH	Thread Size (mm)	Thread Outside Diameter	Thread Inside Diameter	PITCH	Thread Size	Ext Thread Outside	Int Thread Inside Diameter	PITCH
3/8"	16.70			3/8"	16.70	1.14	PG7	12.50	11.30	1.27	M8	8.00	6.90	1.00	CTC19	19.10	17.71	1.59
1/2"	21.00	18.60	1.81	1/2"	21.00	1.81	PG9	15.20	13.90	1.41	M10	10.00	8.90	1.00	CTC25	25.40	24.01	1.59
3/4"	26.40	24.10	1.81	3/4"	26.40	1.81	PG11	18.60	17.30	1.41	M12	12.00	10.90	1.00	CTC31	31.80	30.41	1.59
1"	33.30	30.30	2.31	1"	33.30	2.21	PG13.5	20.40	19.10	1.41	M16	16.00	14.40	1.50	CTC39	38.10	36.71	1.59
1-1/4"	41.90	39.00	2.31	1-1/4"	41.90	2.21	PG16	22.50	21.20	1.41	M18	18.00	16.90	1.00	CTC51	50.80	49.41	1.59
1-1/2"	47.80	44.80	2.31	1-1/2"	47.80	2.21	PG21	28.30	26.80	1.59	M20	20.00	18.40	1.50	CTC63	63.50	62.11	1.59
2"	59.60	56.70	2.31	2"	59.60	2.21	PG29	37.00	35.50	1.59	M25	25.00	23.40	1.50	CTC75	76.20	74.81	1.59
2-1/2"	75.20	72.20	2.31	2-1/2"	72.70	3.18	PG36	47.00	45.50	1.59	M30	30.00	28.40	1.50				
3"	87.90	84.90	2.31	3"	88.60	3.18	PG42	54.00	52.50	1.59	M32	32.00	30.40	1.50				
4"	113.00	110.10	2.31	4"	114.00	3.18	PG48	59.30	57.80	1.59	M40	40.00	38.40	1.50				
											M50	50.00	48.40	1.50				
											M63	63.00	61.40	1.50				
											M75	75.00	73.40	1.50				



軟 管 找 百 毅 · 安 全 又 經 濟



BLISS

百毅企業股份有限公司

BLISS YIH ENTERPRISE CO., LTD.

台中縣太平市新仁路一段44巷8-1弄9號

9, Lane 8-1, Alley 44, Sec. 1, Hsing-Jen Road,

Taiping, Taichung, Taiwan, R.O.C

TEL:04-22780100 FAX:04-22787100

e-mail:blissyih@ms6.hinet.net

<http://www.blissyih.com.tw>