



G•APEX

HEAT SHRINK TUBING AND ACCESSORIES

G•APEX

G•APEX

台灣雲林應用材料股份有限公司

Taiwan Yun Lin Applied Materials Co., Ltd.

No. 361-1, Sec. 1, Shanjiao Road., Yuanlin City, Changhua County, Taiwan 510

T : +886-4-8381860 / F : +886-4-8381915 / E : sales@g-apex.com.tw

<https://www.g-apex.com.tw>



Taiwan Yun Lin Applied Materials Co., Ltd.



企業簡介 Company Profile

For over 20 years, G-APEX has been focused on research and development the new materials and products in the fields of heat shrink, cold shrink tubing, and tapes. To solve the requirement of quality, safety, cost reduction, and services for the market. Providing solutions of electrical insulation and sealing protection applications for different industries.

Production: 50 million meters of monthly production capabilities of heat shrinkable tubing, the strongest product supplying abilities.

Technology: 21 patents and professional R&D team.

Certification: ISO9001、UL、ROHS、REACH、ISO10993、ISO14001、IATF16949, providing a reliable quality guarantee.

Services: Mass storage of products and our service staff in Taiwan, Japan, Thailand, Vietnam, and China, providing the fastest ship out and instant services.

Under our team structure, we're confident to fulfill all your inquiries.

G-APEX 20年來長期致力在熱縮套管、冷縮套管、膠帶領域研究開發新材料及產品，解決市場對品質、安全性、成本降低及服務的需求，提供了不同行業電氣絕緣及密封保護應用解決方案。

生產：熱縮套管月產能5千萬米，提供強大的供貨能力。

技術：21項專利技術及專業的工程研發團隊。

認證：ISO9001、UL、ROHS、REACH、ISO10993、ISO14001、IATF16949提供可靠的品質保證。

服務：台灣、日本、泰國、越南、中國各地提供大量產品庫存倉儲及服務人員，提供最快速的發貨及服務。在整體的團隊架構下，我們很自信可以完成對您的需求所託。



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Non flame retardant heat shrink tubing

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High shrink ratio heat shrink tubing

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135°C Flame retardant heat shrink tubing

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Yellow & Green striped heat shrink tubing

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Abrasion-resistant PE heat shrink tubing

YLPET PET熱縮套管

PET heat shrink tubing

DR 150°C 耐油熱縮套管

150° Diesel resistant elastomeric heat shrinkable tubing

含膠型熱縮套管

ADHESIVE-LINED HEAT SHRINK TUBING

AIS 雙壁含膠型熱縮套管

Dual wall heat shrink tubing

AIS-ES 車用線束含膠熱縮套管

Adhesive heat shrinkable tubing for automotive

AECM 迷你電線防水封帽

Miniature waterproof cable end cap

ATM 通用型中壁含膠熱縮套管

Medium wall heat shrink tubing

ATM-FR 通用型中壁阻燃含膠熱縮套管

Flame retardant medium wall heat shrink tubing

AOS 柔軟型中壁含膠熱縮套管

Flexible medium wall heat shrink tubing

ABS 防水端子用熱縮套管

Watertight tube for terminals and crimp splices

ASM 通用型厚壁含膠熱縮套管

Heavy wall heat shrink tubing

ASM-6X 六倍收縮厚壁熱縮套管

Heavy wall high shrink ratio heat shrink tubing

耐高溫熱縮套管

HIGH TEMPERATURE RESISTANT HEAT SHRINK TUBING

HTK150 柔軟型PVDF熱縮套管

Flexible PVDF heat shrinkable tubing

KYNAR 半硬型PVDF熱縮套管

Semi-rigid PVDF heat shrinkable tubing

VITON 氟橡膠熱縮套管

Fluoroelastomer heat shrinkable tubing

FEP 200°C FEP熱縮套管

200°C FEP heat shrinkable tubing

PTFE 260°C PTFE熱縮套管

260°C PTFE heat shrinkable tubing

PFA 260°C PFA熱縮套管

260°C PFA heat shrinkable tubing

醫療等級熱縮套管

MEDICAL-GRADE HEAT SHRINKABLE TUBING

MTA 醫療級半硬質PVDF熱縮套管

Medical grade semi-rigid PVDF heat shrinkable tubing

MT2 醫療級超薄型LDPE熱縮套管

Medical grade ultra thin wall LDPE heat shrinkable tubing

MTC 醫療級柔軟型PVDF熱縮套管

Medical grade flexible PVDF heat shrinkable tubing

MTE 醫療級LDPE熱縮套管

Medical grade LDPE heat shrinkable tubing

MTF 醫療級高柔軟性熱縮套管

Medical grade high flexibility heat shrinkable tubing

冷縮套管

COLD SHRINK TUBING

DNC 硅矽橡膠雙層冷縮套管

Dual layer cold shrink silicone rubber sleeve

ANC 硅矽橡膠冷縮套管

Cold shrink silicone rubber sleeve

GNC 硅矽橡膠冷縮套管

Cold shrink silicone rubber sleeve

NS7 硅矽橡膠握把冷縮套管

Cold shrink silicone rubber sleeve for handle

EEC EPDM橡膠冷縮封帽

Cold shrink EPDM rubber end cap

ENC EPDM 橡膠冷縮套管

Cold shrink EPDM rubber sleeve

編織網管

BRAIDED SLEEVING

BS5000 編織熱縮套管

Fabric heat shrinkable tubing

BS1000 PET 半剛性捲式編織管

PET semi-rigid wrappable split braided sleeving

BS3000 汽車線束用捲式編織管

Wrap around braided sleeving for automotive wire assembly

BSPET PET 編織擴充管

PET expandable braided sleeving

電線連接用熱縮套管

ELECTRICAL INTERCONNECT HEAT SHRINKABLE TUBING

GAST-R 125°C 防水焊錫環熱縮中接管

125°C Solder sleeve wire splices

GAST-B 125°C 防水焊錫環熱縮中接管

125°C Solder sleeve wire splices

GAST-RS 125°C 防水焊錫環熱縮中接管

125°C Solder sleeve wire splices

CRIMP 防水熱縮中接管

Waterproof heat shrinkable crimp splices

GAST-E 防水焊錫環熱縮封帽

Solder grip closed end connector splices

高壓絕緣熱縮套管

HIGH VOLTAGE INSULATION HEAT SHRINK TUBING

HB1 高壓母排熱縮套管(耐壓3.6kV)

Busbar insulating heat shrink tubing (Withstand voltage up to 3.6kV)

HB2 高壓母排熱縮套管(耐壓24kV)

Busbar insulating heat shrink tubing (Withstand voltage up to 24kV)

HB3 高壓母排熱縮套管(耐壓36kV)

Busbar insulating heat shrink tubing (Withstand voltage up to 36kV)

熱縮模塑套件

MOULDED SHAPES

BOOT 模縮套

Molded parts

AEC 電纜防水熱縮封帽

Heat shrinkable cable end cap

光纖用熱縮套管

FIBER OPTICAL HEAT SHRINKABLE TUBING

ADW 光纖接續盒專用防水熱縮套管

Heat shrinkable tubing for fiber optic splice closure

FOSP 光纖保護套管

Heat shrinkable fiber optic splice protector

FOSP-K 高溫光纖保護套管

High-temperature optical fiber protection sleeve

膠帶

TAPE

WT800 自融性防水膠帶

Rubber mastic tape

WT200 自融性防水膠帶

Rubber mastic tape

WT300 自融性絕緣填縫膠膏帶

Self-fusing insulation caulking mastic tape

HBT 耐電壓矽膠膠帶(耐壓15~24kV)

High voltage silicone busbar insulation tape

(Withstand voltage up to 15~24kV)

熱縮套管組合包

ASSORTMENT KIT

K1-101 熱縮套管組裝盒

Heat shrinkable tubing kit

K1-102 熱縮套管組裝盒

Heat shrinkable tubing kit

K1-201 熱縮套管組裝盒

Heat shrinkable tubing kit

K1-301 熱縮套管組裝盒

Heat shrinkable tubing kit

K2-101 熱縮套管組裝盒

Heat shrinkable tubing kit

K2-102 熱縮套管組裝盒

Heat shrinkable tubing kit

K2-103 熱縮套管組裝盒

Heat shrinkable tubing kit

K4-101 熱縮套管組裝盒

Heat shrinkable tubing kit

K5-101 熱縮套管組裝盒

Heat shrinkable tubing kit

K6-101 熱縮套管組裝盒

Heat shrinkable tubing kit

K7-101 熱縮套管組裝盒

Heat shrinkable tubing kit

K7-201 熱縮套管組裝盒

Heat shrinkable tubing kit

B2 熱縮套管捲式包(紙盒)

Tube and sleeve - mini box

R2 熱縮套管圓形泡殼包裝

Tube and sleeve - blister pack

GR 熱縮套管捲式包裝

Heat shrinkable tubing pack - mini spool pack

號碼標識系統

MARKING SYSTEMS

135°C TMS 軌道式號碼標示印字熱縮套管

Heat shrink markers

125°C TMS 軌道式號碼標示印字熱縮套管

Heat shrink markers

135°C CTMS 捲式號碼標示印字熱縮套管

Heat shrink markers

125°C CTMS 捲式號碼標示印字熱縮套管

Heat shrink markers

MP 貼紙簿

Pocket pack marker book

MO 號碼標誌器

Snap-on wire markers

MH PVC熱縮電線標示號碼圈

PVC Heat shrinkable wire marking number ring

工具

TOOL

GHG 微型熱風槍

Gas heat gun

BSC 熱裁切機

Hot knife device

THIN WALL HEAT SHRINK TUBING

薄壁熱縮套管



THIN WALL HEAT SHRINK TUBING

THIN WALL HEAT SHRINK TUBING



General purpose,
flame retardant heat shrink tubing
通用型熱縮套管

應用 Applications

G5為聚烯烴材料，符合目前環保法規，被廣泛應用於工業及商業領域，如電線接頭、金屬管、電子元件等外層絕緣保護。

G5 is a polyolefin material heat shrinkable tubing that complies with current environmental regulations. It is widely used in industrial and commercial fields, such as outer insulation protection of wire splices, metal pipes, electronic components, and so on.

操作溫度範圍 Operating temperature range

- Continuous operating temperature: -55°C~125°C
- Minimum shrink temperature: 70°C
- Full recovery temperature: Above 110°C
- 連續使用溫度：-55°C~125°C
- 最低收縮溫度：70°C
- 完全收縮溫度：110°C以上

特性 Characteristics

- 收縮率：2:1
- 非常柔軟，高阻燃性能
- 對通常的可溶解性液體有抵抗性
- 優異的物理，化學和電子性能
- 符合RoHS標準
- Shrink ratio: 2:1
- Very flexible, high flame retardant
- Resistant to common solvent liquid
- Excellent physical, chemical and electrical performance
- Compliance with RoHS

Approvals / Specifications 認證 / 規範

UL224 File no. E255532, 125°C VW-1 600V



Product Dimensions
產品規格

Part Number	Size (mm)	As supplied (mm) 收縮前		After recovered (mm) 收縮後		Standard Length (Meter)
產品型號	尺寸	I.D.內徑 (D)	W.T.壁厚 (W)	I.D. (max.) 內徑 (最大) (d)	W.T.(min) 壁厚 (最小) (w)	標準長度 (米)
G5-0008	0.8	1.0±0.2	0.15±0.05	0.6	0.25	200
G5-0010	1.0	1.5±0.3	0.20±0.05	0.7	0.33	200
G5-0015	1.5	2.0±0.3	0.20±0.05	0.8	0.34	200
G5-0020	2.0	2.5±0.3	0.20±0.05	1.1	0.34	200
G5-0025	2.5	3.0±0.3	0.25±0.05	1.25	0.42	200
G5-0030	3.0	3.5±0.3	0.25±0.05	1.50	0.42	200
G5-0035	3.5	4.0±0.3	0.25±0.05	1.75	0.42	200
G5-0040	4.0	4.5±0.3	0.25±0.05	2.00	0.42	200
G5-0045	4.5	5.0±0.3	0.25±0.05	2.25	0.42	100
G5-0050	5.0	5.5±0.3	0.28±0.05	2.5	0.52	100
G5-0060	6.0	6.5±0.3	0.28±0.05	3.0	0.52	100
G5-0070	7.0	7.6±0.3	0.30±0.07	3.5	0.56	100
G5-0080	8.0	8.6±0.3	0.30±0.07	4.0	0.56	100
G5-0090	9.0	9.6±0.3	0.30±0.07	4.5	0.56	100
G5-0100	10.0	10.7±0.4	0.30±0.07	5.0	0.56	100
G5-0110	11.0	11.7±0.4	0.30±0.07	5.5	0.56	100
G5-0120	12.0	12.7±0.4	0.30±0.07	6.0	0.56	100
G5-0130	13.0	13.7±0.4	0.35±0.08	6.5	0.69	100
G5-0140	14.0	14.7±0.4	0.35±0.08	7.0	0.69	100
G5-0150	15.0	15.7±0.5	0.35±0.08	7.5	0.69	100
G5-0160	16.0	16.7±0.5	0.35±0.08	8.0	0.69	100
G5-0170	17.0	17.7±0.5	0.35±0.08	8.5	0.69	100
G5-0180	18.0	19.0±0.5	0.40±0.10	9.0	0.77	100
G5-0200	20.0	21.0±0.5	0.40±0.10	10.0	0.77	100
G5-0220	22.0	23.0±0.5	0.40±0.10	11.0	0.77	100
G5-0250	25.0	26.0±1.0	0.45±0.10	12.5	0.87	50
G5-0280	28.0	29.0±1.0	0.45±0.10	14.0	0.87	50
G5-0300	30.0	31.5±1.0	0.45±0.10	15.0	0.87	50
G5-0350	35.0	36.5±1.0	0.50±0.10	17.5	0.97	50
G5-0400	40.0	42.0±1.5	0.50±0.10	20.0	0.97	50
G5-0450	45.0	47.0±1.5	0.50±0.10	22.5	0.97	25
G5-0500	50.0	53.0±2.0	0.55±0.10	25.0	0.97	25
G5-0600	60.0	63.0±3.0	0.60±0.15	30.0	1.17	25
G5-0700	70.0	71.0±3.0	0.60±0.15	35.0	1.17	25
G5-0800	80.0	81.0±3.0	0.65±0.15	40.0	1.20	25
G5-0900	90.0	91.0±3.0	0.75±0.15	45.0	1.30	25
G5-1000	100	101.0±3.0	0.75±0.15	50.0	1.30	25
G5-1200	120	121.0±4.0	0.80±0.20	60.0	1.40	15
G5-1500	150	151.0±4.0	0.80±0.20	75.0	1.50	15
G5-1800	180	181.0±4.0	0.80±0.20	90.0	1.60	15

Technical Data

Property	Specification Requirement	Test Method	Typical Value
Longitudinal change	-10%~10%	ASTM D2671	Pass
Tensile strength	≥10.3MPa	ASTM D2671	≥11.3MPa
Elongation at break	≥200%	ASTM D2671	≥400%
Tensile strength after aging	70% of initial value	ASTM D2671(158°C/168 hrs)	≥80%
Elongation at break after aging	≥100%	ASTM D2671(158°C/168 hrs)	≥200%
Heat shock	No cracking	ASTM D2671(200°C/4 hrs)	No cracking
Low temperature flexibility	No cracking	ASTM D2671(-30°C/1 hr)	No cracking
Dielectric voltage withstand	AC2500V/60S No breakdown	ASTM D2671	No breakdown
Volume resistivity	≥10 ¹⁴ Ω · cm	ASTM D2671	≥10 ¹⁴ Ω · cm
Dielectric strength	≥19.7kV/mm	ASTM D2671	22 kV/mm
Flammability	VW-1	UL224	Pass

Standard colors: black, white, red, blue, yellow, and green (Other colors, special sizes, and cut pieces are available on request.)
35mm ~ 180mm (35mm included) is without printing on the tubing (blank tube).

標準顏色：黑、白、紅、藍、黃、綠（其他顏色，其他尺寸，裁切，可依客戶需求另行訂製）
35mm ~ 180mm (35mm含)規格無印刷字體



THIN WALL HEAT SHRINK TUBING

G5-CB

Ultra thin wall,
flame retardant heat shrink tubing
超薄型熱縮套管



Product Dimensions
產品規格

● 應用 Applications

比通用型G5更薄的超薄型熱縮套管，除相同於G5應用以外，超薄的壁厚可以有更低的收縮溫度及更快的收縮速度，應用於高密度空間的連接器保護和減輕對溫度敏感的元件加熱時所造成的傷害。

The ultra thin wall heat shrinkable tubing is thinner than the general purpose G5 tubing. In addition to the same G5 application , its ultra thin wall thickness has the advantage of lower shrink temperature and faster shrinkage speed. It is used for the connector protection in the high density space and reduces the damage to temperature-sensitive components when heating.

● 操作溫度範圍

Operating temperature range

- Continuous operating temperature: -55°C~125°C
- Minimum shrink temperature: 60°C
- Full recovery temperature: Above 110°C

- 連續使用溫度：-55°C~125°C
- 最低收縮溫度：60°C
- 完全收縮溫度：110°C以上

● 特性 Characteristics

- 收縮率：2:1
- 非常柔軟，高阻燃性能
- 低收縮溫度，快速收縮
- 優異的物理，化學和電子性能
- 符合RoHS標準

- Shrink ratio: 2:1
- Very flexible, high flame retardant
- Low shrink temperature and rapid shrinkage
- Excellent physical, chemical and electrical performance
- Compliance with RoHS

Approvals / Specifications 認證 / 規範

cULus UL224 File no. E255532, 125°C VW-1 300V

Part Number	Size (mm)	As supplied (mm) 收縮前		After recovered (mm) 收縮後		Standard Length (Meter)
產品型號	尺寸	I.D. 內徑	W.T. 壁厚	I.D.(max) 內徑(最大)	W.T.(min) 壁厚(最小)	標準長度(米)
G5-CB0010	1.0	1.4±0.2	0.13±0.05	0.7	0.20±0.1	200
G5-CB0015	1.5	1.9±0.2	0.13±0.05	0.85	0.20±0.1	200
G5-CB0020	2.0	2.4±0.2	0.13±0.05	1.0	0.22±0.1	200
G5-CB0025	2.5	2.8±0.3	0.13±0.05	1.3	0.25±0.1	200
G5-CB0030	3.0	3.4±0.3	0.13±0.05	1.5	0.28±0.1	200
G5-CB0035	3.5	3.9±0.3	0.13±0.05	1.75	0.25	200
G5-CB0040	4.0	4.4±0.3	0.15±0.05	2.0	0.25	200
G5-CB0045	4.5	5.0±0.3	0.15±0.05	2.25	0.25	100
G5-CB0050	5.0	5.5±0.3	0.15±0.05	2.5	0.25	100
G5-CB0060	6.0	6.5±0.3	0.15±0.05	3.0	0.28	100
G5-CB0070	7.0	7.5±0.3	0.15±0.05	3.5	0.28	100
G5-CB0080	8.0	8.6±0.4	0.15±0.05	4.0	0.28	100
G5-CB0090	9.0	9.6±0.4	0.15±0.05	4.5	0.28	100
G5-CB0100	10.0	10.6±0.4	0.15±0.05	5.0	0.28	100
G5-CB0110	11.0	11.6±0.4	0.18±0.05	5.5	0.28	100
G5-CB0120	12.0	12.6±0.4	0.20±0.05	6.0	0.28	100
G5-CB0130	13.0	13.6±0.4	0.20±0.05	6.5	0.30	100
G5-CB0140	14.0	14.6±0.4	0.20±0.05	7.0	0.30	100
G5-CB0150	15.0	15.6±0.5	0.20±0.05	7.5	0.32	100
G5-CB0160	16.0	16.6±0.5	0.20±0.05	8.0	0.32	100

Technical Data

Property	Specification Requirement	Test Method	Typical Value
Longitudinal change	-10%~10%	ASTM D2671	Pass
Tensile strength	≥10.3MPa	ASTM D2671	≥11.3MPa
Elongation at break	≥200%	ASTM D2671	≥400%
Tensile strength after aging	70% of initial value	ASTM D2671 (158°C/168 hrs)	≥80%
Elongation at break after aging	≥100%	ASTM D2671 (158°C/168 hrs)	≥200%
Heat shock	No cracking	ASTM D2671 (200°C/4 hrs)	No Cracking
Low temperature flexibility	No cracking	ASTM D2671 (-30°C/1 hr)	No Cracking
Dielectric voltage withstand	AC2500V/60S No breakdown	ASTM D2671	No breakdown
Volume resistivity	≥10 ¹⁴ Ω · cm	ASTM D2671	≥10 ¹⁴ Ω · cm
Dielectric strength	≥19.7kV/mm	ASTM D2671	22 kV/mm
Flammability	VW-1	UL224	Pass

Standard color: black
Special sizes and cut pieces are available on request.

標準顏色：黑色
其他尺寸，裁切，可依客戶需求另行訂製



THIN WALL HEAT SHRINK TUBING



Non flame retardant heat shrink tubing
無阻燃型熱縮套管



Product Dimensions
產品規格

● 應用 Applications

G1是一種薄壁、無鹵、表面光澤、有良好透光性及低溫快速收縮的非阻燃聚烯烴熱縮套管。
普遍應用於電子、民生消費品的外層絕緣保護，透明色具有高透視性，能夠清晰檢視被包覆物品的狀況。

G1 is a non flame retardant polyolefin heat shrinkable tubing with the properties of thin wall, halogen free, glossy surface, good transparency and rapid shrinkage at low temperatures. It is widely used in outer insulation protection of electronics and consumer goods. The clear color makes it high transparency, so the condition of covered objects can be checked clearly.

● 特性 Characteristics

- 收縮率：2:1
- 低收縮溫度
- 透明度佳，柔軟
- 符合RoHS標準
- Shrink ratio: 2:1
- Low shrink temperature
- Good transparency, flexible
- Compliance with RoHS

● 操作溫度範圍 Operating temperature range

- Continuous operating temperature: -55°C~105°C
- Minimum shrink temperature: 70°C
- Full recovery temperature: Above 100°C
- 連續使用溫度：-55°C~105°C
- 最低收縮溫度：70°C
- 完全收縮溫度：100°C以上

Part Number	Size (mm)	As supplied (mm) 收縮前		After recovered (mm) 收縮後		Standard Length (Meter)
產品型號	尺寸	I.D. 內徑	W.T. 壁厚	I.D.(max) 內徑(最大)	W.T. 壁厚(最小)	標準長度(米)
G1-0010	1.0	1.5±0.3	0.20±0.05	0.7	0.33	200
G1-0015	1.5	2.0±0.3	0.20±0.05	0.8	0.34	200
G1-0020	2.0	2.5±0.3	0.20±0.05	1.1	0.34	200
G1-0025	2.5	3.0±0.3	0.25±0.05	1.25	0.42	200
G1-0030	3.0	3.5±0.3	0.25±0.05	1.5	0.42	200
G1-0035	3.5	4.0±0.3	0.25±0.05	1.75	0.42	200
G1-0040	4.0	4.5±0.3	0.25±0.05	2.0	0.42	200
G1-0045	4.5	5.0±0.3	0.25±0.05	2.25	0.42	100
G1-0050	5.0	5.5±0.3	0.28±0.05	2.5	0.52	100
G1-0060	6.0	6.5±0.3	0.28±0.05	3.0	0.52	100
G1-0070	7.0	7.6±0.3	0.30±0.07	3.5	0.56	100
G1-0080	8.0	8.6±0.3	0.30±0.07	4.0	0.56	100
G1-0090	9.0	9.6±0.3	0.30±0.07	4.5	0.56	100
G1-0100	10.0	10.7±0.4	0.30±0.07	5.0	0.56	100
G1-0110	11.0	11.7±0.4	0.30±0.07	5.5	0.56	100
G1-0120	12.0	12.7±0.4	0.30±0.07	6.0	0.56	100
G1-0130	13.0	13.7±0.4	0.35±0.08	6.5	0.69	100
G1-0140	14.0	14.7±0.4	0.35±0.08	7.0	0.69	100
G1-0150	15.0	15.7±0.5	0.35±0.08	7.5	0.69	100
G1-0160	16.0	16.7±0.5	0.35±0.08	8.0	0.69	100
G1-0170	17.0	17.7±0.5	0.35±0.08	8.5	0.69	100
G1-0180	18.0	19.0±0.5	0.40±0.10	9.0	0.77	100
G1-0200	20.0	21.0±0.5	0.40±0.10	10.0	0.77	100
G1-0220	22.0	23.0±0.5	0.40±0.10	11.0	0.77	100
G1-0250	25.0	26.0±1.0	0.45±0.10	12.5	0.87	50
G1-0280	28.0	29.0±1.0	0.45±0.10	14.0	0.87	50
G1-0300	30.0	31.5±1.0	0.45±0.10	15.0	0.87	50
G1-0350	35.0	36.5±1.0	0.50±0.10	17.5	0.97	50
G1-0400	40.0	42.0±1.5	0.50±0.10	20.0	0.97	50
G1-0450	45.0	47.0±1.5	0.50±0.10	22.5	0.97	25
G1-0500	50.0	53.0±2.0	0.55±0.10	25.0	0.97	25
G1-0600	60.0	63.0±3.0	0.60±0.15	30.0	1.17	25

Technical Data

Property	Specification Requirement	Test Method	Typical Value
Concentricity	≥70%	ASTM D2671	≥70%
Tensile strength	≥10.3MPa	ASTM D2671	≥14.0MPa
Elongation at break	≥200%	ASTM D2671	≥400%
Dielectric voltage withstand	AC2500V/60S No breakdown	ASTM D2671	No breakdown
Volume resistivity	≥10 ¹⁴ Ω · cm	ASTM D2671	≥10 ¹⁴ Ω · cm

Standard color: clear
標準顏色：透明
©

THIN WALL HEAT SHRINK TUBING

G5-3X

High shrink ratio heat shrink tubing
高收縮倍率熱縮套管



Product Dimensions
產品規格

Part Number	Size 尺寸		As supplied (mm) 收縮前		After recovered (mm) 收縮後		Standard Length (Meter)
產品型號	mm	Inch	I.D. (min) 內徑(最小)	W.T. (min) 壁厚(最小)	I.D. 內徑	W.T.(min) 壁厚(最小)	標準長度(米)
G5-3X0030	3	1/8	3.0	0.15	1.0±0.2	0.50	200
G5-3X0060	6	1/4	6.2	0.20	2.0±0.2	0.60	100
G5-3X0090	9	3/8	9.1	0.23	3.0±0.2	0.65	100
G5-3X0120	12	1/2	12.1	0.23	4.0±0.2	0.70	100
G5-3X0180	18	3/4	18.0	0.28	6.0±0.3	0.75	100
G5-3X0250	25	1	25.0	0.32	8.0±0.3	1.00	50

Technical Data

Property	Specification Requirement	Test Method	Typical Value
Longitudinal change	-10%~10%	ASTM D2671	Pass
Tensile strength	≥10.3MPa	ASTM D2671	≥11.3MPa
Elongation at break	≥200%	ASTM D2671	≥400%
Tensile strength after aging	70% of initial value	ASTM D2671 (158°C/168 hrs)	≥80%
Elongation at break after aging	≥100%	ASTM D2671 (158°C/168 hrs)	≥200%
Heat shock	No cracking	ASTM D2671 (200°C/4 hrs)	No cracking
Low temperature flexibility	No cracking	ASTM D2671 (-55°C/4 hrs)	No cracking
Dielectric voltage withstand	AC2500V/60S No breakdown	ASTM D2671	No breakdown
Volume resistivity	≥10 ¹⁴ Ω · cm	ASTM D2671	≥10 ¹⁴ Ω · cm
Dielectric strength	≥19.7kV/mm	ASTM D2671	22 kV/mm
Flammability	VW-1	UL224	Pass

Standard colors: black, white, red, blue, yellow, clear, and yellow-green
Other colors, special sizes, and cut pieces are available on request.

標準顏色：黑、白、紅、藍、黃、透明、黃綠色
其他顏色，其他尺寸，裁切，可依客戶需求另行訂製



● 應用 Applications

G5-3X是以135°C聚烯烴材料製成的高收縮倍率軍標級熱縮套管，除一般可靠的絕緣保護外，高收縮倍率更適用於不規則的產品外徑上，提供更全面性的包覆。

G5-3X is a high shrink ratio military grade heat shrinkable tubing made of 135°C polyolefin material. In addition to the normally reliable insulation protection, the high shrink ratio is more suitable to be applied to the product with irregular outer diameters, and providing more comprehensive coverage.

● 操作溫度範圍 Operating temperature range

- Continuous operating temperature: -55°C~135°C
- Minimum shrink temperature: 70°C
- Full recovery temperature: Above 110°C
- 連續使用溫度：-55°C~135°C
- 最低收縮溫度：70°C
- 完全收縮溫度：110°C以上

● 特性 Characteristics

- 收縮率:3:1
- 阻燃（透明除外）
- 對普通的溶解性液體有一定的抵抗力
- 優異的物理，化學和電子性能
- 符合RoHS標準
- Shrink ratio: 3:1
- Flame retardant (colors only)
- Resistant to common solvent liquid
- Excellent physical, chemical and electrical performance
- Compliance with RoHS

Approvals / Specifications 認證 / 規範

cULus UL224 File no. E255532, 125°C VW-1 600V

THIN WALL HEAT SHRINK TUBING

G5-135

135°C Flame retardant
heat shrink tubing
135°C阻燃型熱縮套管



Product Dimensions
產品規格

● 應用 Applications

G5-135為環保聚烯烴材料，用於軍事、工業及商業用途，較高的耐溫等級，提供了更可靠的產品保護。應用於電線接頭、電子元件外層的絕緣保護。

G5-135 is an environmental friendly polyolefin material tubing and used in military, industrial and commercial applications. The higher temperature rating provides more reliable protection for the product covered. It can be applied to outer insulation protection of wire splices and electronic components.

● 操作溫度範圍 Operating temperature range

- Continuous operating temperature: -55°C~135°C
- Minimum shrink temperature: 70°C
- Full recovery temperature: Above 110°C

- 連續使用溫度：-55°C~135°C
- 最低收縮溫度：70°C
- 完全收縮溫度：110°C以上

● 特性 Characteristics

- 收縮率：2:1
- 耐高溫聚烯烴
- 柔軟，高阻燃性能(透明除外)
- 對通常的有溶解性的液體都有一定的抵抗性
- 優異的物理，化學和電子性能
- 符合RoHS標準
- Shrink ratio: 2:1
- High temperature resistant polyolefin
- Very flexible, high flame retardant (colors only)
- Resistant to common solvent liquid
- Excellent physical, chemical and electrical performance
- Compliance with RoHS

Approvals / Specifications 認證 / 規範

cULus UL224 File no. E255532, 125°C VW-1 600V

Part Number	Size 尺寸		As supplied (mm) 收縮前	After recovered (mm) 收縮後		Standard Length (Meter)
產品型號	mm	inch	I.D.(min.) 內徑(最小)	I.D.(max) 內徑(最大)	W.T. 壁厚	標準長度(米)
G5135-0012	1.2	3/64	1.2	0.6	0.40±0.08	200
G5135-0016	1.6	1/16	1.6	0.8	0.43±0.08	200
G5135-0024	2.4	3/32	2.4	1.2	0.51±0.08	200
G5135-0032	3.2	1/8	3.2	1.6	0.51±0.08	200
G5135-0048	4.8	3/16	4.8	2.4	0.51±0.08	100
G5135-0064	6.4	1/4	6.4	3.2	0.64±0.08	100
G5135-0095	9.5	3/8	9.5	4.8	0.64±0.08	100
G5135-0127	12.7	1/2	12.7	6.4	0.64±0.08	100
G5135-0150	15	5/8	15.2	7.5	0.77±0.08	100
G5135-0191	19.1	3/4	19.1	9.5	0.77±0.08	100
G5135-0254	25.4	1	25.4	12.7	0.89±0.12	50
G5135-0318	31.8	1 1/4	31.8	15.9	1.02±0.15	50
G5135-0381	38.1	1 1/2	38.1	19.1	1.02±0.15	50
G5135-0508	50.8	2	50.8	25.4	1.14±0.16	25
G5135-0800	80	3	76.2	38.1	1.27±0.20	25
G5135-1000	100	4	101.6	50.8	1.40±0.23	25
G5135-1200	120	5	127	63.5	1.52±0.23	15
G5135-1500	150	6	147	75	1.50	15

Technical Data

Property	Specification Requirement	Test Method	Typical Value
Longitudinal change	-10%~10%	ASTM D2671	Pass
Tensile strength	≥10.3MPa	ASTM D2671	≥11.3MPa
Elongation at break	≥200%	ASTM D2671	≥400%
Tensile strength after aging	70% of initial value	ASTM D2671 (158°C/168 hrs)	≥80%
Elongation at break after aging	≥100%	ASTM D2671 (158°C/168 hrs)	≥200%
Heat shock	No cracking	ASTM D2671 (200°C/4 hrs)	No cracking
Low temperature flexibility	No cracking	ASTM D2671 (-55°C/4 hrs)	No cracking
Dielectric voltage withstand	AC2500V/60S No breakdown	ASTM D2671	No breakdown
Volume resistivity	≥10 ¹⁴ Ω · cm	ASTM D2671	≥10 ¹⁴ Ω · cm
Dielectric strength	≥19.7kV/mm	ASTM D2671	22 kV/mm
Flammability	VW-1	UL224	Pass

Standard color: black
Other colors, special sizes, and cut pieces are available on request.

標準顏色：黑色
其他顏色，其他尺寸，裁切，可依客戶需求另行訂製



THIN WALL HEAT SHRINK TUBING

G5-YG

Yellow & Green striped
heat shrink tubing
接地標示用黃綠熱縮套管



Product Dimensions
產品規格

應用 Applications

黃綠相間的條紋狀套管，用於標識地線。被廣泛地應用於電線標記、顏色編碼、電子絕緣等領域。

The unique yellow-green striped color tubing is used for the ground wire identifying. It is widely used in the fields of wire marking, color coding as well as electrical insulation.

操作溫度範圍 Operating temperature range

- Continuous operating temperature: -55°C~125°C
- Minimum shrink temperature: 70°C
- Full recovery temperature: Above 110°C

- 連續使用溫度：-55°C~125°C
- 最低收縮溫度：70°C
- 完全收縮溫度：110°C以上

特性 Characteristics

- 收縮率:2:1
- 雙種顏色用於標識
- 顏色恒久，方便用於標記
- 符合RoHS標準
- Shrink ratio: 2:1
- Dual colors for identification
- Permanent tubing colors are conveniently used in marking.
- Compliance with RoHS

Approvals / Specifications 認證 / 規範

UL224 File no. E255532, 125°C VW-1 600V

Part Number	Size 尺寸		As supplied (mm) 收縮前		After recovered (mm) 收縮後		Standard Length (Meter)
產品型號	mm	inch	I.D.內徑	W.T.壁厚	I.D.(max) 內徑(最大)	W.T.(min) 壁厚(最小)	標準長度(米)
G5-YG0015	1.5	1/16	2.0±0.3	0.20±0.05	0.8	0.36	200
G5-YG0025	2.5	3/32	3.0±0.3	0.25±0.05	1.25	0.44	200
G5-YG0030	3.0	1/8	3.5±0.3	0.25±0.05	1.50	0.44	200
G5-YG0045	4.5	3/16	5.0±0.3	0.25±0.05	2.25	0.44	100
G5-YG0060	6.0	1/4	6.5±0.3	0.28±0.05	3.0	0.56	100
G5-YG0080	8.0	5/16	8.6±0.3	0.30±0.07	4.0	0.56	100
G5-YG0090	9.0	3/8	9.6±0.3	0.30±0.07	4.5	0.56	100
G5-YG0120	12.0	1/2	12.7±0.4	0.30±0.07	6.0	0.56	100
G5-YG0160	16.0	5/8	16.7±0.5	0.35±0.08	8.0	0.69	100
G5-YG0180	18.0	3/4	19.0±0.5	0.40±0.10	9.0	0.77	100
G5-YG0250	25.0	1	26.0±1.0	0.45±0.10	12.5	0.87	50
G5-YG0300	30.0	1 1/4	31.5±1.0	0.45±0.10	15.0	0.87	50
G5-YG0400	40.0	1 1/2	41.5±1.0	0.50±0.10	20.0	0.97	50
G5-YG0500	50.0	2	51.5±1.0	0.55±0.10	25.0	0.97	25

Technical Data

Property	Specification Requirement	Test Method	Typical Value
Longitudinal change	-10%~10%	ASTM D2671	Pass
Tensile strength	≥10.3MPa	ASTM D2671	≥11.3MPa
Elongation at break	≥200%	ASTM D2671	≥400%
Tensile strength after aging	70% of initial value	ASTM D2671 (158°C/168 hrs)	≥80%
Elongation at break after aging	≥100%	ASTM D2671 (158°C/168 hrs)	≥200%
Heat shock	No cracking	ASTM D2671 (200°C/4 hrs)	No cracking
Low temperature flexibility	No cracking	ASTM D2671 (-55°C/4 hrs)	No cracking
Dielectric voltage withstand	AC2500V/60S No breakdown	ASTM D2671	No breakdown
Volume resistivity	≥10 ¹⁴ Ω·cm	ASTM D2671	≥10 ¹⁴ Ω·cm
Dielectric strength	≥19.7kV/mm	ASTM D2671	22 kV/mm
Flammability	VW-1	UL224	Pass

Standard color: yellow-green
Special sizes and cut pieces are available on request.

標準顏色：黃綠相間
其他尺寸，裁切，可依客戶需求另行訂製



THIN WALL HEAT SHRINK TUBING



Abrasion-resistant PE heat shrink tubing
耐磨型PE熱縮套管



Product Dimensions
產品規格

應用 Applications

GA是以由交聯聚烯烴材質製造而成，具備卓越的耐磨擦、抗化學性能，適用於彎折銅管的保護。

GA is made of cross-linked polyolefin material and has excellent abrasion and chemical resistance. It is suitable for the protection of bent copper pipes.

操作溫度範圍 Operating temperature range

- Continuous operating temperature: -55°C~105°C
- Minimum shrink temperature: 80°C
- Full recovery temperature: Above 115°C
- 連續使用溫度：-55°C~105°C
- 最低收縮溫度：80°C
- 完全收縮溫度：115°C以上

特性 Characteristics

- 收縮率：2:1
- 耐磨、耐油
- 優異的物理、化學和電子性能
- 符合RoHS標準
- Shrink ratio: 2:1
- Abrasion and oil-resistant
- Excellent physical, chemical, and electrical properties
- RoHS compliant

Part Number	Nominal Size(mm)	As supplied (mm) 收縮前		After recovered (mm) 收縮後		Standard Length (Meter)
產品型號	公稱尺寸	I.D.內徑(D)	W.T.(Nominal Size) 壁厚(公稱尺寸)	I.D.(max) 內徑(最大)	W.T. 壁厚	標準長度(米)
GA-0030	3.0	3.6±0.3	0.15	1.8	0.40±0.15	200
GA-0035	3.5	4.1±0.3	0.15	2.0	0.40±0.15	200
GA-0040	4.0	4.6±0.3	0.15	2.3	0.40±0.15	200
GA-0050	5.0	5.9±0.3	0.15	2.9	0.40±0.15	100
GA-0060	6.0	6.5±0.3	0.20	3.5	0.50±0.15	100
GA-0070	7.0	7.5±0.3	0.20	4.2	0.50±0.15	100
GA-0080	8.0	8.5±0.3	0.20	4.7	0.50±0.15	100
GA-0090	9.0	9.5±0.3	0.20	5.4	0.50±0.15	100
GA-0100	10.0	10.5±0.4	0.20	6.0	0.50±0.15	100
GA-0110	11.0	11.5±0.4	0.20	7.0	0.50±0.15	100
GA-0120	12.0	12.4±0.4	0.23	7.6	0.60±0.15	100
GA-0130	13.0	13.4±0.4	0.23	8.0	0.60±0.15	100
GA-0140	14.0	14.4±0.4	0.23	9.0	0.60±0.15	100
GA-0150	15.0	15.4±0.4	0.23	10.0	0.60±0.15	100
GA-0160	16.0	16.4±0.4	0.23	10.5	0.60±0.15	100
GA-0180	18.0	18.4±0.4	0.23	11.5	0.60±0.15	100
GA-0200	20.0	20.4±0.4	0.23	13.0	0.60±0.15	100
GA-0220	22.0	22.4±1.0	0.23	14.0	0.60±0.15	100
GA-0250	25.0	25.5±1.0	0.23	15.0	0.60±0.15	50

Technical Data

Property	Specification Requirement	Test Method	Typical Value
Tensile strength	≥10.4MPa	ASTM D2671	≥16.9MPa
Elongation at break	≥200%	ASTM D2671	≥362%
Dielectric voltage withstand	AC2500V/60S No breakdown	ASTM D2671	No breakdown
Volume resistivity	≥10 ¹⁶ Ω · cm	ASTM D2671	≥10 ¹⁶ Ω · cm

Standard color: black (Other specifications and colors can be customized.)

標準顏色：黑(其他規格顏色可訂製)



THIN WALL HEAT SHRINK TUBING

YLPET

PET heat shrink tubing
PET熱縮套管



Product Dimensions
產品規格

● 應用 Applications

YPET由聚對苯二甲酸乙二酯的材質製成，在-40°C~125°C條件下具有優異的防老化、耐溫、防破裂性能。由環保材料製作而成，符合RoHS標準。應用於包覆電池、電子元件、民生用品等。

YPET is made of polyethylene terephthalate and has excellent anti-aging, temperature, and crack resistance at -40°C~125°C. Made of environmentally friendly materials and is compliant with the RoHS standard. Used to cover batteries, electronic components, consumer goods, and so on.

● 操作溫度範圍 Operating temperature range

- Continuous operating temperature : -40°C~125°C
- Minimum shrink temperature : 60°C
- Full recovery temperature : Above 125°C
- 連續使用溫度：-40°C~125°C
- 最低收縮溫度：60°C
- 完全收縮溫度：125°C以上

● 特性 Characteristics

- 收縮率：2:1
- 操作溫度高至125°C
- 對大部分的酸、油有抗腐蝕性
- 無鹵、環保、阻燃
- Shrink ratio : 2:1
- Operating temperature is up to 125°C
- Corrosion resistant to most acids and oils
- Halogen free, environmentally friendly and flame retardant

Approvals / Specifications 認證 / 規範

UL224 File no. E469056

Part Number	Nominal Size (mm)	Lay-flat width (mm)	W.T. (mm)	Horizontal shrink ratio	Vertical shrink ratio
產品型號	公稱尺寸	折徑	壁厚	橫向收縮率(%)	縱向收縮率(%)
YPET0030	3	5.6±0.2	0.08±0.015	48±4	8±3
YPET0040	4	7.1±0.2	0.08±0.015	48±4	8±3
YPET0050	5	9.0±0.2	0.08±0.015	48±4	8±3
YPET0060	6	10.6±0.2	0.08±0.015	48±4	8±3
YPET0063	6.3	11.0±0.2	0.08±0.015	48±4	8±3
YPET0080	8	13.9±0.2	0.10±0.02	48±4	8±3
YPET0100	10	16.9±0.3	0.10±0.02	48±4	8±3
YPET0120	12	20.4±0.3	0.10±0.02	48±4	8±3
YPET0125	12.5	21.2±0.3	0.10±0.02	48±4	8±3
YPET0130	13	21.8±0.3	0.10±0.02	45±4	8±3
YPET0145	14.5	24.1±0.3	0.10±0.02	45±4	8±3
YPET0160	16	26.7±0.3	0.11±0.02	45±4	8±3
YPET0180	18	29.8±0.3	0.11±0.02	45±4	8±3
YPET0200	20	32.9±0.3	0.11±0.02	45±4	8±3
YPET0220	22	36.2±0.3	0.11±0.02	45±4	8±3
YPET0250	25	41.1±0.5	0.11±0.02	45±4	8±3
YPET0300	30	49.1±0.5	0.11±0.02	45±4	8±3
YPET0350	35	56.9±0.5	0.11±0.02	45±4	8±3
YPET0400	40	64.0±1.5	0.13±0.03	45±4	8±3
YPET0450	45	74.0±1.5	0.15±0.03	40±5	15±5
YPET0500	50	84.5±1.5	0.20±0.03	40±5	15±5
YPET0635	63.5	106.5±1.5	0.20±0.03	40±5	15±5
YPET0760	76	125.5±1.5	0.20±0.03	40±5	15±5
YPET0890	89	145.5±1.5	0.20±0.03	40±5	15±5

Technical Data

Property	Specification Requirement	Test Method
Tensile strength	≥10 ⁴ N/m ²	ASTM D2671
Elongation at break	≥62.0%	ASTM D2671
Water absorption	≤2.0%	ASTM D570
Dielectric strength	≥15kV/mm	ASTM D2671
Volume resistivity	≥10 ¹⁴ Ω · cm	ASTM D2671

Standard color : black

標準顏色：黑



THIN WALL HEAT SHRINK TUBING



150°C Diesel resistant elastomeric
heat shrinkable tubing
150°C耐油熱縮套管



Product Dimensions
產品規格

Part Number	Nominal Size 公稱尺寸		As supplied (mm) 收縮前	After recovered (mm) 收縮後		Standard Length (Meter)
產品型號	mm	inch	I.D.(min.) 內徑(最小)	I.D.(max) 內徑(最大)	W.T. 壁厚	標準長度(米)
DR0032	3.2	1/8	3.2	1.6	0.76±0.15	100
DR0048	4.8	3/16	4.8	2.4	0.84±0.15	100
DR0064	6.4	1/4	6.4	3.2	0.89±0.15	100
DR0095	9.5	3/8	9.5	4.8	1.02±0.20	50
DR0127	12.7	1/2	12.7	6.4	1.22±0.20	50
DR0191	19.1	3/4	19.1	9.5	1.45±0.28	30
DR0254	25.4	1	25.4	12.7	1.78±0.28	30
DR0381	38.1	1 1/2	38.1	19.0	2.40±0.41	30
DR0508	50.8	2	50.8	25.4	2.40±0.41	25

● 應用 Applications

DR產品是一款應用廣泛的耐油橡膠熱縮套管，由輻照交聯彈性體橡膠材質製成，適合在車用機油及潤滑油的環境下提供電線電纜的絕緣保護。

The DR product is a widely used diesel resistant rubber heat shrinkable tubing. It is made of radiation cross-linked rubber elastomers, and is suitable for providing insulation protection for wires and cables in the environment of motor oils and lubricating oils.

● 操作溫度範圍 Operating temperature range

- Continuous operating temperature: -75°C~150°C
- Minimum shrink temperature: 100°C
- Full recovery temperature: Above 150°C

- 連續使用溫度：-75°C~150°C
- 最低收縮溫度：100°C
- 完全收縮溫度：150°C以上

● 特性 Characteristics

- 收縮率：2:1
- 優異的耐油、耐化學性能
- 阻燃
- 可靠的耐磨性能
- Shrink ratio: 2:1
- Excellent oil and chemical resistance
- Flame retardant
- Reliable abrasion resistance

Technical Data

Property	Specification Requirement	Test Method	Typical Value
Tensile strength	≥10.3MPa	ASTM D2671	≥13MPa
Elongation at break	≥250%	ASTM D2671	≥350%
Heat shock	No cracking	ASTM D2671 (200°C/4 hrs)	No cracking
Low temperature flexibility	No cracking	ASTM D2671 (-55°C/4 hrs)	No cracking
Tensile strength after aging	70% of initial value	ASTM D2671 (150°C/168 hrs)	≥70%
Elongation at break after aging	≥200%	ASTM D2671 (150°C/168 hrs)	≥300%
Dielectric voltage withstand	AC2500V/60S No breakdown	ASTM D2671	No breakdown
Dielectric strength	≥11.9kV/mm	ASTM D2671	≥16kV/mm
Volume resistivity	≥10 ⁹ Ω·cm	ASTM D2671	≥10 ¹⁰ Ω·cm
Copper corrosion	No corrosion	ASTM D2671 (158°C/168 hrs)	No corrosion
Flammability	Self extinguishing within 1 minute after fire source removed	UL 224	Pass
Fluid resistance (23°C/24 hrs)			
Tensile strength	≥10.3MPa	ASTM D2671	≥12MPa
Elongation at break	≥200%	ASTM D2671	≥300%
Dielectric strength	≥7.9kV/mm	ASTM D2671	≥12kV/mm

Standard color : black
Special sizes and cut pieces are available on request.

標準顏色：黑色
其他尺寸，裁切，可依客戶需求另行訂製



Cross Reference Number For G-APEX Heat Shrinkable Tubing

	Raychem	SUMITUBE	DSG-Canusa	LG	3M	Alpha
G1	CGPE-105	C	CPX 51	GSHS-1605		
G5	VERSAFIT V2	F32. F2Z	CPX 876	GSHS-1625	CP-221	FIT221V
G5-CB	VERSAFIT V4	F34. F4Z	DERAY ITW	GSHS-1625T		
GA		A				
G5-135	RNF-100	A2. B2	CPX-100	GSHS-1635F	FP-301	FIT221
G5-YG	DCPT 2:1	B2(YG)	CPX 201	GSHS-1635F-YG	GYS	FIT260
G5135-3X	RNF-3000	B2(3X)	CPX 300	GSHS-3635	SFTW-203	FIT321V
AIS	ATUM. DWP-125	W3B2. W3F2	CPA 300	GSHS-3635W	EPS-300	FIT321
AIS-ES	ES-2000	SA2F	SPLICEMELT125	GSHS-4635WS	EPS-4000	FIT421
ACS200	RBK-ILS125					
ATM	MWTM. SST-M	SCD. SCM2	CFM	PMWT	MDT. IMCSN	
ASM-6X	HRHT	SCH	CFHR			FIT621
ANF		IRRAX SCM2			IMCS	
ASM	WCSM.SST		CFW/RHW	PHWT	ITCSN	FIT700
ABS		W3D		GSHS-1625BS		
DR	DR-25	R120	DERAY V25	DRET	PSTH	FIT601
HTK150	RT-375	K2	KYF190	GSHS-1650F	MFP	
KYNAR	RW-175. KYNAR	K	KY175	GSHS-1675	KYNAR	FIT350
VITON	VITON. RW200	FE3. KH200	VT220		VTN200	FIT650
FEP	FEP	FEP			FEP	FIT400
PTFE	TFE	TFE	CTFE250		TFE	FIT500
MTA	MT1000					
MT2/MTE	MT2000					
MTC	MT3000					
MTF	MT-5000/MT5500					
TMS	TMS-SCE					FIT-PRINT
CTMS	TTMS					
HB1	LVIT			LG-BBLV		
HB2	BPTM	SBI300	CBTM	LG-BBHV	BBI	
HB3	BBIT	SBI350	CBTH	LG-BBHT	BBI	
AEC	SSC. ESC		CCAP		ICEC. SKE	FITCAP
AECM	ES CAPS	SA3 CAP	SPLICEMELT CAP 125			
BOOT	Molded parts					BOOTS

Cross Reference Number For G-APEX Heat Shrinkable Tubing

[illegible]

METRIC/INCH CONVERSION CHART

Inches英吋	mm公釐	Inches英吋	mm公釐
1/64	0.40	1/2	12.70
1/32	0.79	33/64	13.10
3/64	1.19	17/32	13.49
1/16	1.59	35/64	13.89
5/64	1.98	9/16	14.29
3/32	2.38	37/64	14.68
7/64	2.78	19/32	15.08
1/8	3.18	39/64	15.48
9/64	3.57	5/8	15.88
5/32	3.97	41/64	16.27
11/64	4.37	21/32	16.67
3/16	4.76	11/16	17.46
13/64	5.16	23/32	18.26
7/32	5.56	3/4	19.05
15/64	5.95	25/32	19.84
1/4	6.35	13/16	20.64
17/64	6.75	7/8	22.23
9/32	7.14	29/32	23.02
19/64	7.54	15/16	23.81
5/16	7.94	61/64	24.21
21/64	8.33	31/32	24.61
11/32	8.73	63/64	25.00
23/64	9.13	1	25.40
3/8	9.53	1-1/4	32.00
25/64	9.92	1-1/2	38.10
13/32	10.32	1-3/4	44.50
27/64	10.72	2	50.80
7/16	11.11	2-1/2	63.50
29/64	11.51	3	76.20
15/32	11.91	3-1/2	88.90
31/64	12.30	4	101.60

Notes