



G•APEX

HEAT SHRINK TUBING AND ACCESSORIES

G•APEX

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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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薄壁熱縮套管 THIN WALL HEAT SHRINK TUBING

- G5** 通用型熱縮套管
General purpose, flame retardant heat shrink tubing
- G5-CB** 超薄型熱縮套管
Ultra thin wall, flame retardant heat shrink tubing
- G1** 無阻燃型熱縮套管
Non flame retardant heat shrink tubing
- G5-3X** 高收縮倍率熱縮套管
High shrink ratio heat shrink tubing
- G5-135** 135°C 阻燃型熱縮套管
135°C Flame retardant heat shrink tubing
- G5-YG** 接地標示用黃綠熱縮套管
Yellow & Green striped heat shrink tubing
- GA** 耐磨型PE熱縮套管
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

- 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
- NS8** EPDM橡膠握把保護冷縮套管
Cold shrink EPDM 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
- DNC** 硅矽橡膠雙層冷縮套管
Dual layer cold shrink silicone 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

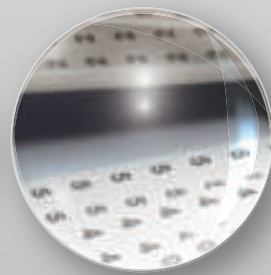
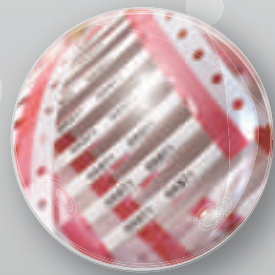
號碼標識系統 MARKING SYSTEMS

- 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

MARKING SYSTEMS 號碼標識系統



MARKING SYSTEMS

MARKING SYSTEMS

135°C TMS

Heat shrink markers
軌道式號碼標示印字熱縮套管

● 應用 Applications

採用阻燃聚烯烴材料製成，是專為電纜線標誌而設計的熱縮套管。TMS具有極柔軟與薄壁特性，方便提供給標籤印字機直接列印，印出效果持久清晰。

Made of flame retardant polyolefin, it is a heat shrinkable tubing specially designed for wire and cable marking. TMS has extremely flexible and thin wall characteristics, convenient for label printers to print directly, and the printing effect is permanent and legible.

● 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
- 柔軟、阻燃
- 耐磨、耐化學性
- 可靠的物理、化學及電氣性能
- 熱縮管可加虛線裁切，方便撕斷使用
- 扁管方便列印
- Shrink ratio: 3:1
- Flexible, flame retardant
- Abrasion and chemical resistance
- Reliable physical, chemical and electrical performance
- The heat shrinkable tubing can be pre-cut with dotted lines for tearing off easily.
- Flat tubes offer ease of printing

Approvals / Specifications 認證 / 規範
cULus UL224 File no. E255532, 125°C VW-1



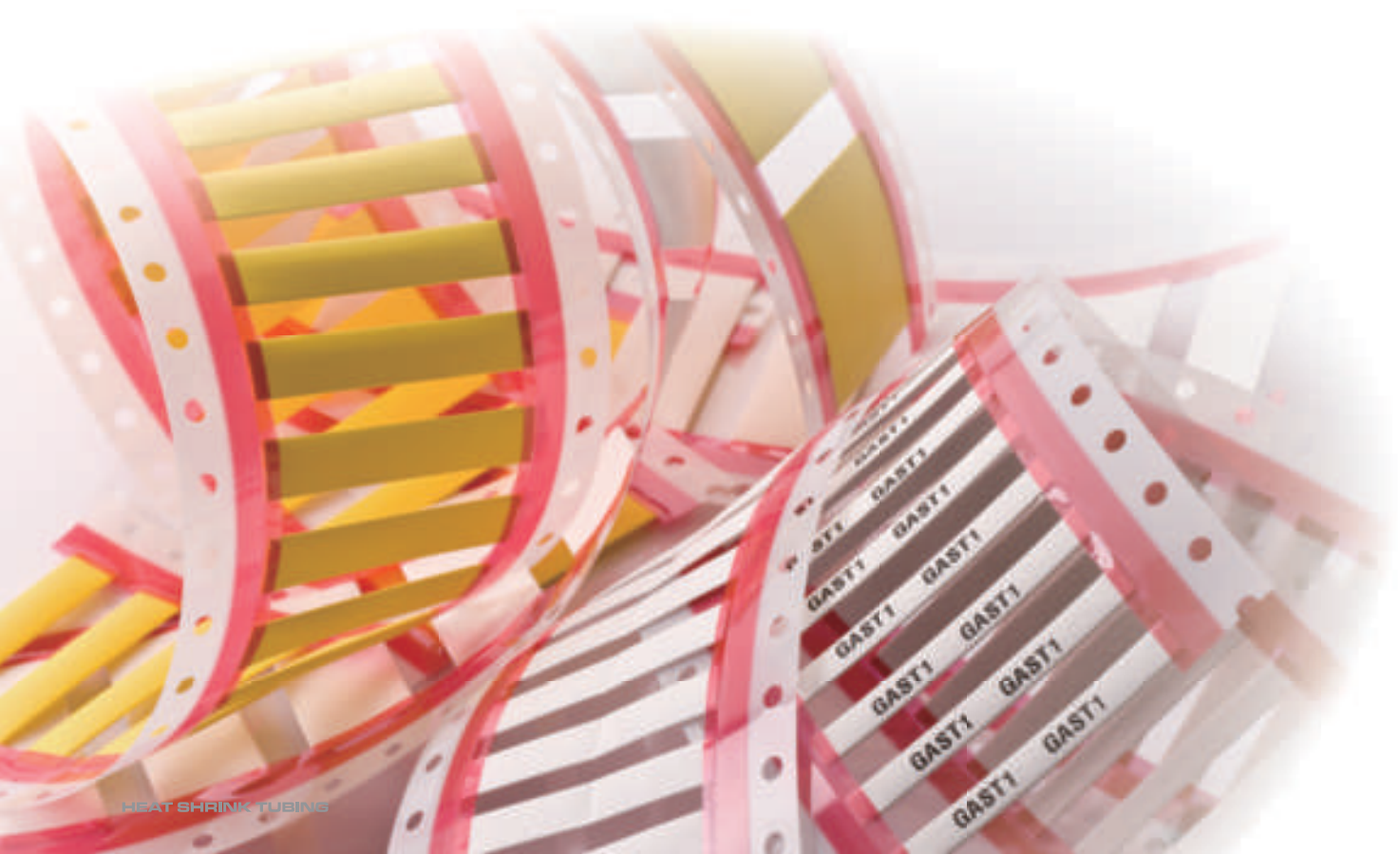
Product Dimensions
產品規格

Part Number	Nominal Size 公稱尺寸		As supplied 收縮前 (mm)	After recovered 收縮後 (mm)	Packing
產品型號	mm	inch	I.D.(min.) 內徑(最小)	I.D.(max) 內徑(最大)	包裝 (PCS/BOX)
TMS1353X0024	2.4	3/32	2.4	0.8	250
TMS1353X0032	3.2	1/8	3.2	1.1	250
TMS1353X0048	4.8	3/16	4.8	1.6	250
TMS1353X0064	6.4	1/4	6.4	2.1	250
TMS1353X0095	9.5	3/8	9.5	3.2	250
TMS1353X0127	12.7	1/2	12.7	4.2	250
TMS1353X0191	19.1	3/4	19.1	6.3	250
TMS1353X0254	25.4	1	25.4	8.5	250

Technical Data

Property	Specification Requirement	Test Method	Typical Value
Longitudinal change	≤10%	ASTM D2671	≤5%
Tensile strength	≥10.3MPa	ASTM D2671	≥12MPa
Elongation at break	≥200%	ASTM D2671	≥400%
Elongation at break after aging	≥100%	ASTM D2671 (175°C/168 hrs)	≥400%
Heat shock	No cracking	ASTM D2671	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
Dielectric strength	≥19.7kV/mm	ASTM D2671	≥25kV/mm
Volume resistivity	≥10 ¹⁴ Ω · cm	ASTM D2671	≥10 ¹⁴ Ω · cm
Copper corrosion	No corrosion	ASTM D2671	No corrosion
Print performance	Print legible after 20 rubs Print legible after 20 strokes	SAE AS5942 MIL-STD-202	Pass
Flammability	VW-1	UL224	Pass

Standard colors: yellow and white
標準顏色：黃、白
● ○



MARKING SYSTEMS

125°C TMS

Heat shrink markers

軌道式號碼標示印字熱縮套管



Product Dimensions
產品規格

Part Number	Nominal Size 公稱尺寸		As supplied 收縮前 (mm)	After recovered 收縮後 (mm)	Packing
產品型號	mm	inch	I.D.(min.) 內徑(最小)	I.D.(max) 內徑(最大)	包裝 (PCS/BOX)
TMS1253X0024	2.4	3/32	2.4	0.8	250
TMS1253X0032	3.2	1/8	3.2	1.1	250
TMS1253X0048	4.8	3/16	4.8	1.6	250
TMS1253X0064	6.4	1/4	6.4	2.1	250
TMS1253X0095	9.5	3/8	9.5	3.2	250
TMS1253X0127	12.7	1/2	12.7	4.2	250
TMS1253X0191	19.1	3/4	19.1	6.3	250
TMS1253X0254	25.4	1	25.4	8.5	250

Technical Data

Property	Specification Requirement	Test Method	Typical Value
Longitudinal change	≤10%	ASTM D2671	≤5%
Tensile strength	≥10.3MPa	ASTM D2671	≥10.3MPa
Elongation at break	≥200%	ASTM D2671	≥300%
Elongation at break after aging	≥100%	ASTM D2671 (158°C/168 hrs)	≥200%
Heat shock	No cracking	ASTM D2671	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
Dielectric strength	≥19.7kV/mm	ASTM D2671	≥20kV/mm
Volume resistivity	≥10 ¹⁴ Ω · cm	ASTM D2671	≥10 ¹⁴ Ω · cm
Copper corrosion	No corrosion	ASTM D2671	No corrosion
Print performance	Print legible after 20 rubs Print legible after 20 strokes	SAE AS5942 MIL-STD-202	Pass
Flammability	VW-1	UL224	Pass

Standard colors: yellow and white
標準顏色：黃、白



●應 用 Applications

採用阻燃聚烯烴材料製成，是專為電纜線標誌而設計的熱縮套管。TMS具有極柔軟與薄壁特性，方便提供給標籤印字機直接列印，印出效果持久清晰。

Made of flame retardant polyolefin, it is a heat-shrinkable tubing specially designed for wire and cable marking. TMS has extremely flexible and thin wall characteristics, convenient for label printers to print directly, and the printing effect is permanent and legible.

●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

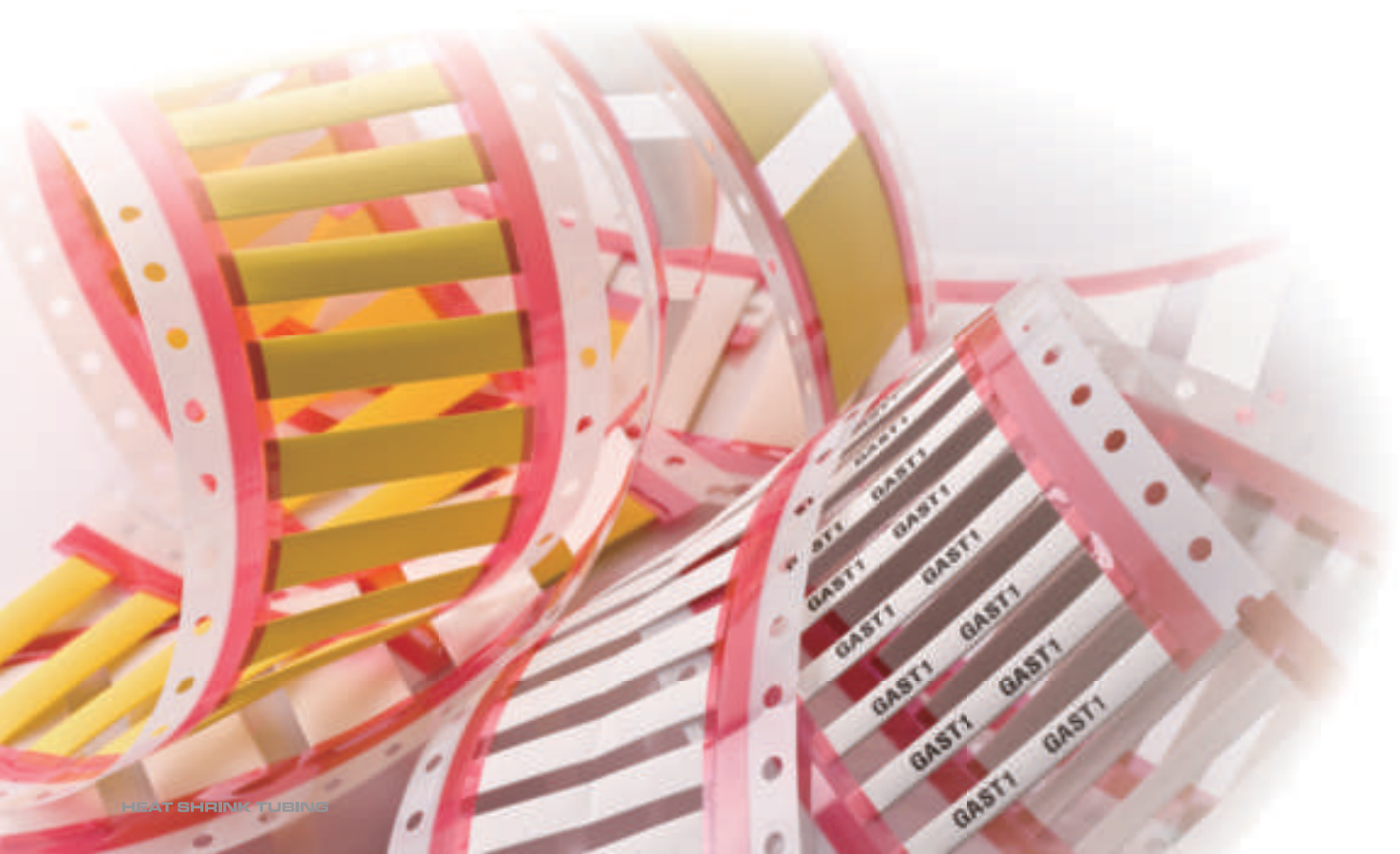
- 連續使用溫度：-55°C~125°C
- 最低收縮溫度：70°C
- 完全收縮溫度：110°C以上

●特 性 Characteristics

- 收縮率：3:1
- 柔軟、阻燃
- 耐磨、耐化學性
- 可靠的物理、化學及電氣性能
- 熱縮管可加虛線裁切，方便撕斷使用
- 扁管方便列印
- Shrink ratio: 3:1
- Flexible, flame retardant
- Abrasion and chemical resistance
- Reliable physical, chemical and electrical performance
- The heat shrinkable tubing can be pre-cut with dotted lines for tearing off easily.
- Flat tubes offer ease of printing

Approvals / Specifications 認證 / 規範

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



MARKING SYSTEMS

135°C CTMS

Heat shrink markers
捲式號碼標示印字熱縮套管



Product Dimensions
產品規格

Part Number	Nominal Size 公稱尺寸		As supplied 收縮前 (mm)	After recovered 收縮後 (mm)	Standard Length (Meter)
產品型號	mm	inch	I.D.(min.) 內徑(最小)	I.D.(max) 內徑(最大)	標準長度(米)
CTMS1353X0024	2.4	3/32	2.4	0.8	100
CTMS1353X0032	3.2	1/8	3.2	1.1	100
CTMS1353X0048	4.8	3/16	4.8	1.6	100
CTMS1353X0064	6.4	1/4	6.4	2.1	100
CTMS1353X0095	9.5	3/8	9.5	3.2	100
CTMS1353X0127	12.7	1/2	12.7	4.2	100
CTMS1353X0191	19.1	3/4	19.1	6.3	100
CTMS1353X0254	25.4	1	25.4	8.5	100

Technical Data

Property	Specification Requirement	Test Method	Typical Value
Longitudinal change	≤10%	ASTM D2671	≤5%
Tensile strength	≥10.3MPa	ASTM D2671	≥12MPa
Elongation at break	≥200%	ASTM D2671	≥400%
Elongation at break after aging	≥100%	ASTM D2671 (175°C/168 hrs)	≥400%
Heat shock	No cracking	ASTM D2671	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
Dielectric strength	≥19.7kV/mm	ASTM D2671	≥25kV/mm
Volume resistivity	≥10 ¹⁴ Ω · cm	ASTM D2671	≥10 ¹⁴ Ω · cm
Copper corrosion	No corrosion	ASTM D2671	No corrosion
Print performance	Print legible after 20 rubs Print legible after 20 strokes	SAE AS5942 MIL-STD-202	Pass
Flammability	VW-1	UL224	Pass

Standard colors: yellow and white
標準顏色：黃、白



● 應用 Applications

CTMS為高性能聚烯烴材質，應用於工業、軍工、航空業。經打印後的標識持久，不需再進行外層保護膜。

CTMS is made of high-performance polyolefin and is used in industrial, military and aerospace applications. Markers are permanent after printing and do not require an outer protective film.

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- Minimum shrink temperature: 70°C
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- 最低收縮溫度：70°C
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● 特性 Characteristics

- 收縮率：3:1
- 柔軟、阻燃
- 耐磨、耐化學性
- 可靠的物理、化學及電氣性能
- 扁管方便列印
- Shrink ratio: 3:1
- Flexible, flame retardant
- Abrasion and chemical resistance
- Reliable physical, chemical and electrical performance
- Flat tubes offer ease of printing

Approvals / Specifications 認證 / 規範

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



MARKING SYSTEMS

125°C CTMS

Heat shrink markers

捲式號碼標示印字熱縮套管



Product Dimensions
產品規格

Part Number	Nominal Size 公稱尺寸		As supplied 收縮前 (mm)	After recovered 收縮後 (mm)	Standard Length (Meter)
產品型號	mm	inch	I.D.(min.) 內徑(最小)	I.D.(max) 內徑(最大)	標準長度(米)
CTMS1253X0024	2.4	3/32	2.4	0.8	100
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CTMS1253X0064	6.4	1/4	6.4	2.1	100
CTMS1253X0095	9.5	3/8	9.5	3.2	100
CTMS1253X0127	12.7	1/2	12.7	4.2	100
CTMS1253X0191	19.1	3/4	19.1	6.3	100
CTMS1253X0254	25.4	1	25.4	8.5	100

Technical Data

Property	Specification Requirement	Test Method	Typical Value
Longitudinal change	≤10%	ASTM D2671	≤5%
Tensile strength	≥10.3MPa	ASTM D2671	≥10.3MPa
Elongation at break	≥200%	ASTM D2671	≥300%
Elongation at break after aging	≥100%	ASTM D2671 (158°C/168 hrs)	≥200%
Heat shock	No cracking	ASTM D2671	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
Dielectric strength	≥19.7kV/mm	ASTM D2671	≥20kV/mm
Volume resistivity	≥10 ¹⁴ Ω · cm	ASTM D2671	≥10 ¹⁴ Ω · cm
Copper corrosion	No corrosion	ASTM D2671	No corrosion
Print performance	Print legible after 20 rubs Print legible after 20 strokes	SAE AS5942 MIL-STD-202	Pass
Flammability	VW-1	UL224	Pass

Standard colors: yellow and white
標準顏色：黃、白

● ○

應用 Applications

CTMS為高性能聚烯烴材質，應用於工業、軍工、航空業。經打印後的標識持久，不需再進行外層保護膜。

CTMS is made of high-performance polyolefin and is used in industrial, military and aerospace applications. Markers are permanent after printing and do not require an outer protective film.

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：3:1
- 柔軟、阻燃
- 耐磨、耐化學性
- 可靠的物理、化學及電氣性能
- 扁管方便列印
- Shrink ratio: 3:1
- Flexible, flame retardant
- Abrasion and chemical resistance
- Reliable physical, chemical and electrical performance
- Flat tubes offer ease of printing

Approvals / Specifications 認證 / 規範

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



MARKING SYSTEMS



Pocket pack marker book
貼紙簿

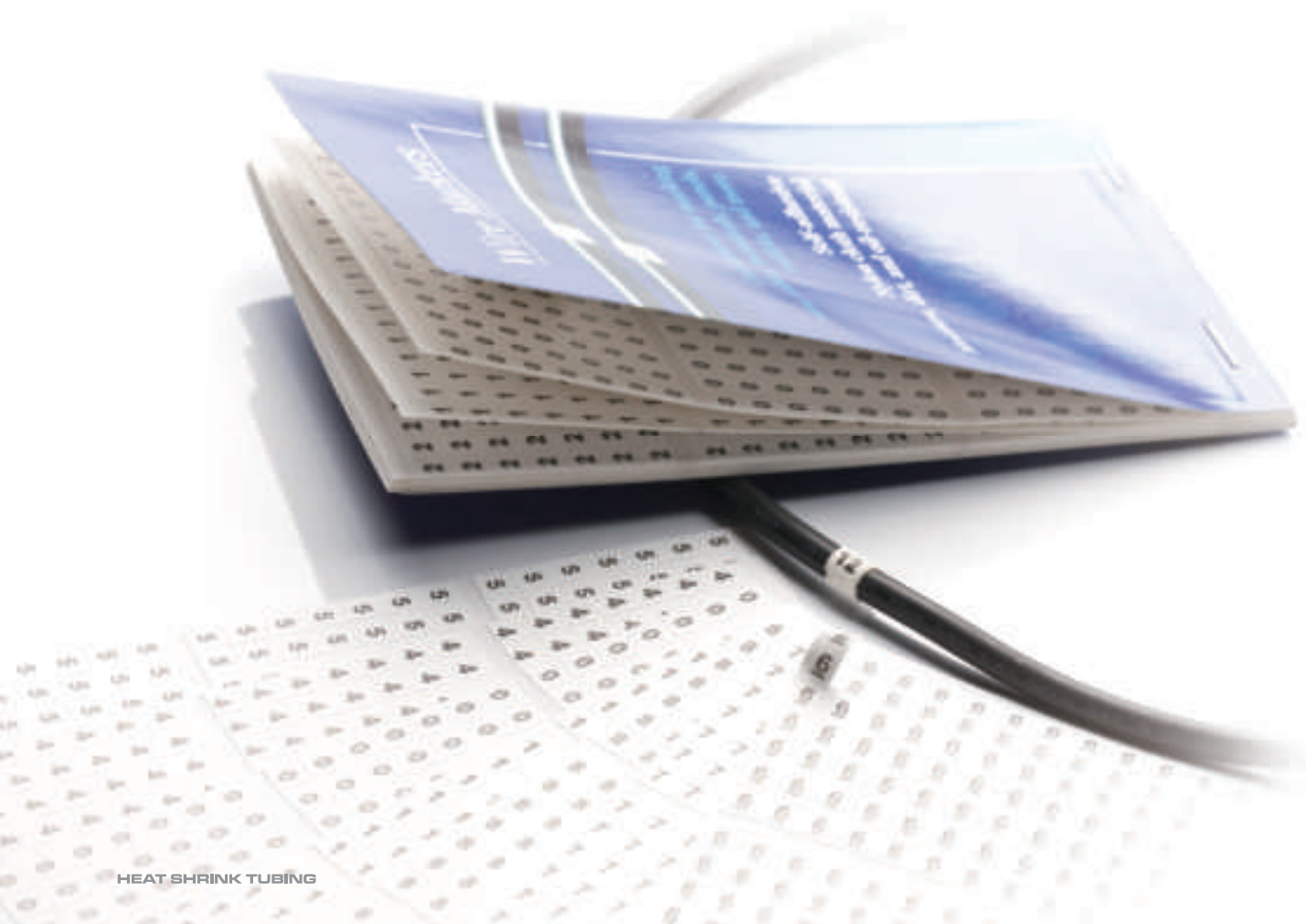
● 應用 Applications

尼龍布材料，自粘、有防潮、防塵、防油的性能。每本貼紙簿有10頁，印有0-9, A-Z, 0-15,1-45, 46-90,+, -, /等。其他印刷內容可根據客戶要求訂制。

Made of nylon cloth material, it is self-adhesive and resistant to moisture, dust and oil. Each marker book contains 10 pages and printed with legend 0-9, A-Z, 0-15, 1-45, 46-90, +, -, /, etc. Special legends are available on request.

Product Dimensions
產品規格

Part Number	Legend	Quantity
產品型號	說明	數量
AE 27	0-9	45 ea
AE 28	A-Z,0-15,+, -, /	10 ea
AE 29	1-45	10 ea
AE 30	46-90	10 ea
AE 35	1-15	6 ea
	16-90	4 ea
	0,A-Z,+, -, /	2 ea
AE 36	1,2,3,A,B,C	45 ea
	T1,T2,T3,L1,L2,L3	30 ea





MARKING SYSTEMS



Snap-on wire markers
號碼標誌器

● 應用 Applications

MO號碼標誌器是以POM塑料製成，可以很快速的固定於電線。

MO Snap-on wire marker is made of POM plastic and can be quickly fixed to the wire.

● 操作溫度範圍 Operating temperature range

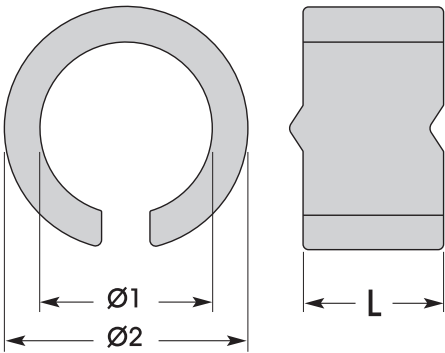
- Continuous operating temperature: -20°C~100°C
- 連續使用溫度：-20°C~100°C

● 特性 Characteristics

- 容易安裝於電線上做標示
- 節省50%以上的電線標示時間
- 耐化學物質
- Easy to install on wires for marking
- Save more than 50% of wire marking time
- Chemical resistance

Product Dimensions
產品規格

Part Number	Wire Range	Length 長度	I.D. 內徑	O.D. 外徑	Packing 包裝
產品型號	線徑範圍	(L) (mm)	(Φ1) (mm)	(Φ2) (mm)	(PCS/BOX)
LT-020	AWG28-26	2.4	0.95	1.9	200
LT-021	AWG24-22	3.0	1.5	2.8	100
LT-022	AWG22-20	3.0	2.0	3.4	100
LT-023	AWG18-16	3.0	2.5	4.0	100
LT-024	AWG16-14	3.0	3.2	4.6	50
LT-025	AWG14-12	3.0	3.7	5.2	50
LT-026	AWG12-10	3.0	4.2	6.0	50
LT-030	AWG9-8	5.9	6.8	8.8	20



HEAT SHRINK TUBING

MARKING SYSTEMS



PVC Heat shrinkable wire marking number ring
PVC熱縮電線標示號碼圈



Product Dimensions
產品規格

Part Number	Nominal Size (mm)	Lay flat (mm)	W.T. (mm)	Horizontal shrinkage ratio	Vertical Shrinkage ratio	Package (PCS/BAG)
產品型號	尺寸(毫米)	折徑(毫米)	厚度(毫米)	橫向收縮率(%)	縱向收縮率(%)	包裝
MH0040	4	7.3±0.2	0.09±0.1	6±2	14±3	10000
MH0050	5	9.2±0.2	0.09±0.1	6±2	14±3	10000

MH0040(L:11mm)印字內容:1/2/3/4/5/6
MH0040(L:10mm)印字內容:U/U1/U2/V/V1/V2/W/W1/W2
MH0050(L:11mm)印字內容:1/2/3/4/5/6
MH0050(L:10mm)印字內容:U/U1/U2/V/V1/V2/W/W1/W2

Technical Data

Property	Specification Requirement	Test Method	Typical Value
Dielectric voltage withstand	AC2500V/60S No breakdown	UL 224	No breakdown
Volume resistivity	≥10 ⁹ Ω · cm	ASTM D257	≥10 ⁹ Ω · cm
Flammability	VW-1	UL 224	VW-1

Standard color: White
標準顏色：白
○

●應 用 Applications

MH系列PVC材質熱縮號碼圈，是以優良PVC材質的熱縮管經過印刷、裁切並撐開等工序製成，方便使用者穿線作業不需再裁剪及張開熱縮管可省下大量工時，產品有各種不同印字內容，主要應用於電線接線標示。

The MH series PVC heat-shrinkable number ring is made of the high-quality PVC material heat-shrinkable tube after printing, cutting, and prop open processes, which is convenient for users to thread wires. No need to cut, and open the heat-shrinkable tubing, which can save lots of working hours, the product has a variety of different printing contents, are mainly used for wire marking applications.

●操作溫度範圍 Operating temperature range

- Continuous operating temperature: -40°C~105°C
- 連續使用溫度：-40°C~105°C

●特 性 Characteristics

- 阻燃
- 印字清晰
- 已裁切及擴張方便使用
- Flame retardant
- Printing clear
- Done cutting and prop open, convenient to use.

Approvals / Specifications 認證 / 規範

UL224 File no. E186611



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