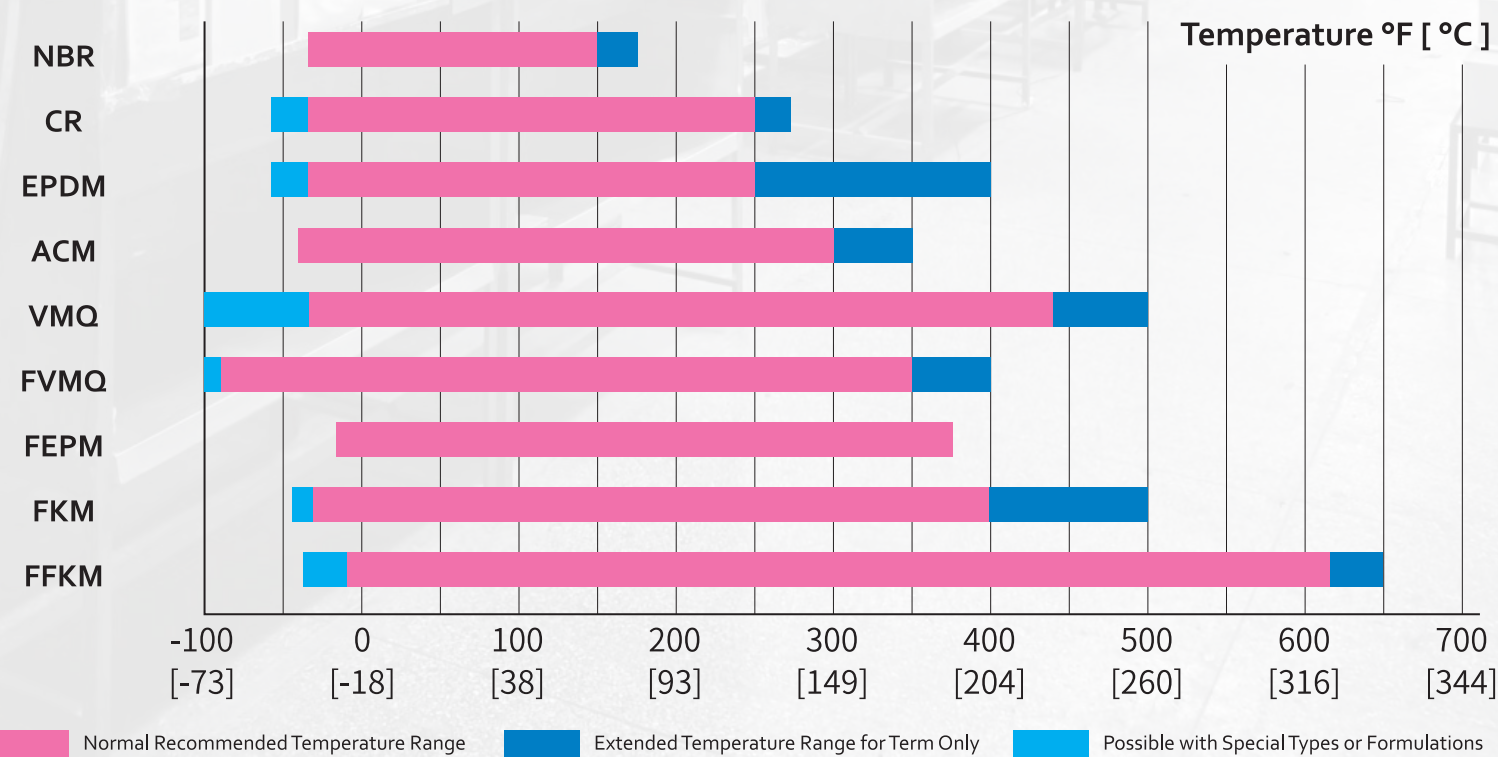


## ▶ Comparing Properties of Commonly Used Elastomers

Elastomer Type (Polymer)	Abrasion Resistance	Acid Resistance	Chemical Resistance	Cold Resistance	Dynamic Properties	Electrical Properties	Flame Resistance	Heat Resistance	Permeability	Oil Resistance	Ozone Resistance	Compression Set Resistance	Tear Resistance	Tensile Strength	Water / Steam Resistance	Weather Resistance
NBR (Nitrile)	G	F	FG	G	GE	F	P	G	G	E	P	GE	FG	GE	FG	E
CR (Neoprene®)	G	FG	FG	FG	F	F	G	G	G	FG	GE	F	FG	G	F	E
EPDM (Ethylene propylene)	GE	G	E	GE	GE	G	P	G	G	P	E	GE	GE	GE	F	E
ACM (Polyacrylate)	G	P	P	P	F	F	P	P	E	E	E	P	P	F	P	E
VMQ (Silicone)	P	FG	GE	E	P	E	F	E	P	FG	E	GE	P	P	F	E
FVMQ (Fluorosilicone)	P	FG	E	GE	P	E	G	E	P	G	E	G	P	F	F	E
FEPM (AFLAS®)	GE	E	E	P	G	E	E	E	G	E	E	PF	PF	FG	GE	E
FKM (Viton®)	G	E	E	PF	GE	F	E	E	G	E	E	E	F	GE	F	E
FFKM (Kalrez®)	P	E	E	PF	F	E	E	E	G	E	E	G	PF	FG	GE	E

P=Poor F=Fair G=Good E=Excellent

## ▶ Thermal Properties of Common Elastomers



### Headquarter

神興科技股份有限公司

新北市中和區中山路二段340巷21-1號

TEL: +886-2-2240-0607  
 FAX: +886-2-2240-0004  
 E-Mail: sales\_tw@ckt.com.tw

CKT TEK CO., LTD.  
 BOOKING BYWAY DEVELOPMENT INC.

No.21-1, Lane 340, Sec.2, Chung-Shan Rd.,  
 Chung Ho Dist., New Taipei City 235,  
 Taiwan

### CKT China Manufacturing Centre

東莞群霖電子科技有限公司

廣東省東莞市橫瀝鎮石涌民營工業區33棟  
 (郵編523460)

TEL: +86-769-82830996  
 FAX: +86-769-83395578  
 E-Mail: sales\_dg@ckt.com.tw

DONGGUAN QUNLIN  
 ELECTRONICS TECH CO., LTD.

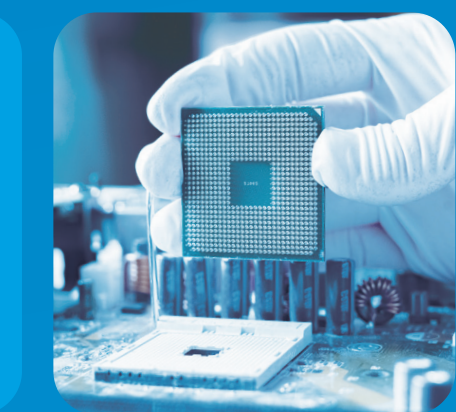
No.33 Building Private Industrial Region  
 Of Shi Yong, Hengli Town, Dongguan,  
 Guangdong, China. 523460



Official Website

# You Can Expect More

Professional  
 Silicone & Rubber Solution  
 Provider



## 大事記要 Milestone

- ▶ 成立神興橡膠工業股份有限公司 1976 ▶ Founded CKT Rubber Co., Ltd in Taipei, Taiwan
- ▶ 成立東莞群霖電子科技有限公司 1997 ▶ Founded Dongguan Qunlin Electronic Technology Co., Ltd
- ▶ 通過ISO-9001品質管理系統認證 2002 ▶ CKT Taiwan ISO-9001 Quality Management Certificated
- ▶ 通過IATF-16949汽車品質管理認證 2009 ▶ CKT Dong Guan IATF-16949 Automobile Quality Management Certificated
- ▶ 通過ISO-14001國際環境管理認證 ▶ CKT Dong Guan ISO-14001 Environment Quality Management Certificated
- ▶ 總公司更名神興科技股份有限公司 2010 ▶ Rename CKT Rubber to CKT TEK Co., Ltd.
- ▶ 通過IECQ QC 080000有害物質流程管理認證 ▶ CKT Taiwan IECQ QC 080000 Hazardous Substance Process Management Certificated
- ▶ 榮獲傑出企業領導人金鋒獎 2011 ▶ Golden Peak Award of OUTSTANDING ENTERPRISE MANAGER OF THE YEAR IN TAIWAN
- ▶ 通過ISO-13485醫療器材品質認證 2017 ▶ CKT Dong Guan ISO-13485 Medical Quality Management Certificated



設立 Founded	1976
地點 Location	台灣 新北市 New Taipei City, Taiwan
設立 Founded	1997
地點 Location	中國 東莞 Dong Guan, China





## 應用領域 Application areas



### 工業、自動化設備 Industry · Automation Equipment

我們的產品可應用於工業機械、氣動工具、液壓機械、控制閥、自動化設備、機器手臂、液體輸送泵浦、傳動系統設備、發動機等領域的矽橡膠密封件(O形圈)、防震墊、護套、握套、真空吸盤、腳座、電線套、電氣箱套等零件，材料擁有耐油、耐溫、耐磨、耐酸鹼、彈力高、無毒、避震、抗靜電及導電之特性。

Our products can be applied in Industrial machinery, pneumatic tools, hydraulic machinery, control valves, automation equipment, robot arms, liquid delivery pumps, transmission system equipment, engines, etc. Most of the parts are silicone rubber seals (O-rings), shockproof pads, sheaths, grips, vacuum suction cups, feet, wire covers, electrical box covers, etc. The materials have oil resistance, temperature resistance, abrasion resistance, acid and alkali resistance, high elasticity, non-toxic, shock-absorbing, anti-static and conductive properties.



### 車用零件領域 Automotive Religion

- 所涵蓋特性通常為耐油、耐酸、耐磨、耐臭氧、耐溫、耐老化
- 材質：EPDM、NBR、CR、NR、SBR、SILICON、VITON、ACM
- 製程特色：客製化的橡膠料混練、配合客戶長期研發、製程方案選擇多樣、品質高、交期短、服務好
- 應用領域：密封製品、膠管製品、汽車內飾、減震製品、密封條、特殊橡膠製品

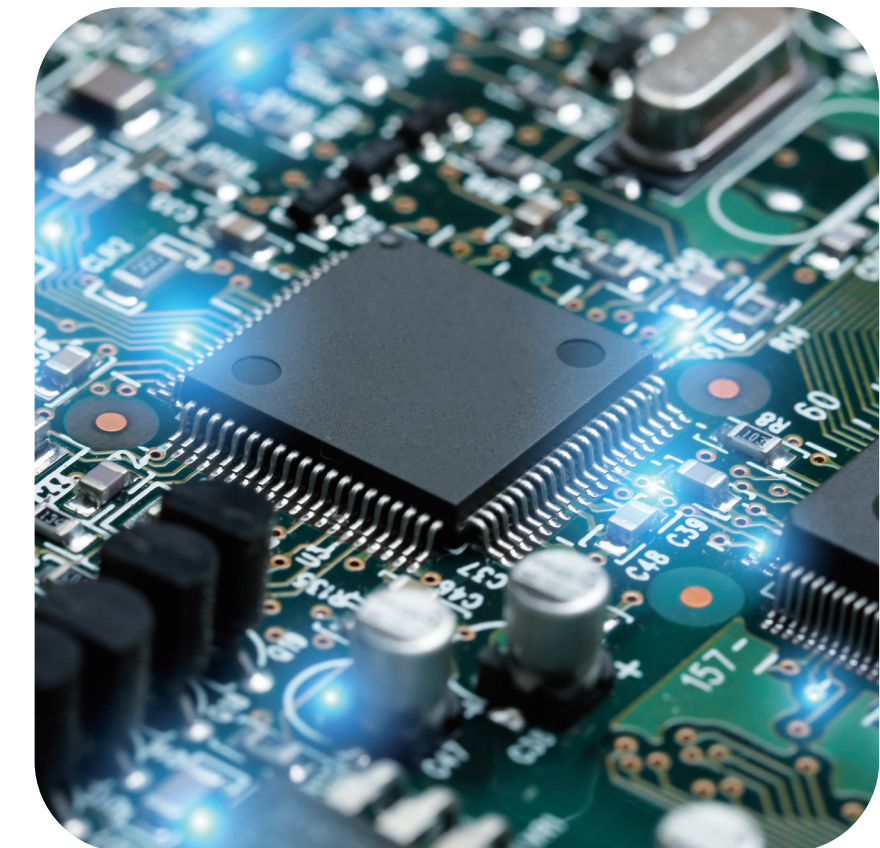
- These kind of rubber character which has good oil and fuel resistance, acid/alkaline resistance, abrasion resistance, ozone resistance, temperature resistance, oxygen resistance.
- Materials : EPDM, NBR, CR, NR, SBR, SILICON, VITON, ACM
- Manufacture advantage :
  - a. The rubber material is mixed by customized.
  - b. We can attend long-term development with customers.
  - c. We provide various and effective manufacture process options for you.
  - d. High quality, short leading time, good professional service.
- Application : Sealing products, hose products, automotive interior, shock absorbing products, sealing strips, special rubber products.



### 居家用品 Household Products

矽橡膠無毒、不含重金屬、環保、耐熱性高達220°C，柔韌、靈活且可重複使用，採用鉑金食品級矽膠，符合FDA、RoHS 2.0且不含BPA，適用於矽膠餐具、矽膠廚具、矽膠家居用品、嬰兒奶嘴、牙套、玩具、寵物用具和各式相關產品設計。

Silicone rubber is non-toxic, non-heavy metals, eco-friendly, heat resistance is up to 220°C, bendy, flexible and reusable. Using food grade silicone which meet FDA, RoHS 2.0 and BPA free. Suitable for silicone tableware, silicone kitchenware, household silicone products, baby pacifiers, tooth holders, toys, pet appliances and various related product designs.



### 電子 Electronics

適合用於半導體、電子設備、電腦和其周邊產品、消費性電子產品、穿戴裝置等領域的防震墊、防水密封圈、防水防塵蓋、保護套、錶帶、耳塞、鍵盤、開關按鍵等，如果您有創新的想法和設計，歡迎您聯繫我們，我們可以共同開發、創新，為您製造獨特設計的產品。

Suitable for shockproof pads, waterproof seals, waterproof and dustproof covers, protective cases, watch wristbands, eartips, keypads, switch buttons, etc. If you have innovative ideas, you are welcome to contact us, we can develop and innovate together, and manufacture uniquely designed products for you.



### 醫療用矽膠 Medical Silicone

醫療級矽膠以各式不同形態運用在各類產品中，如液態矽膠油、凝膠狀矽膠凍、發泡狀矽膠海綿、以及固態形式的彈性矽膠體。他們的共用點都必需有良好的生物相容性，對人體組織無刺激性、無毒性、無過敏反應，如此才能確保不產生機體排斥問題。

Medical silicone is used in various products in various forms, such as liquid silicone oil, gel silicone jelly, foam silicone sponge, and solidify elastic silicone. Their common points must have good biocompatibility, non-irritating, non-toxic, and non-allergic to human tissues, so as to ensure that there will be no rejection of the body.

醫療級矽膠的應用，廣泛分類有矽膠呼吸面罩、矽膠輸液管、矯正齒套、注射針孔塞、傷口/疤痕處理用矽膠貼片、醫療級護目罩、醫療檢測儀器的矽膠組件如矽膠防護套、矽膠防水圈、矽膠按鍵等等非侵入式裝置。

There are too many medical devices made of silicone, and they are widely classified into silicone masks, silicone infusion tubes, orthodontic sleeves, injection needle plugs, silicone patches for wound/scar treatment, medical goggles, and medical testing instruments. Silicone components such as silicone dust cover, silicone waterproof ring, silicone buttons and other non-intrusive devices.

