

# CPS

# PVC FOAM PRODUCTS

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

**CHAMPION SHINE PVC foam sheet** is a closed-cell, lightweight, thermoplastic and hard foam material. It is able to form 3-dimensional contour. It is a suitable core material for dynamically loaded and shock absorbing sandwich structures.



### Size Range:

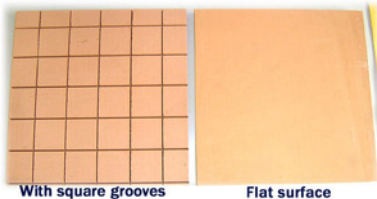
Size Range	Length	To order
	Width	To order
	Thickness	To order
	Weight	To order
Hardness:	65~99 degrees	
Colors:	To Order	

### Product Special Feature:

- Instead of wood material
- Good thermal insulation
- High strength & rot resistant
- No slippery, electricity insulation
- Recycled, environmental protection
- Available in different hardness and density
- Various and colorful
- Self-extinguishing

### Product Application:

- Industrial Parts: Dynamically loaded structures & Container
- Sports: Badminton & Shoes
- Construction: Struction sandwich panels, Interiors, Floors & Partition walls



With square grooves

Flat surface

### Test Report by Bureau of Standards, Metrology & Inspection Ministry of Economic Affairs, Republic of China

Test Item	Results
Apparent density (CNS 7774)	140kg/m <sup>3</sup>
Water absorption (CNS 7774)	0.7g/100cm <sup>2</sup>
Compressive strength (CNS 7774)	12kgf/cm <sup>2</sup>
Flexural strength (CNS 7774)	15kgf/cm <sup>2</sup>
Flammability (CNS 7774)	
Burning duration	60 sec
Burned distance	45mm
Temperature of deflection under load (CNS 6683, method B)	41 °C

### Flammability (CNS 7614)

Flame application time	10sec	30sec	60sec
Afterflame time (sec)	0	0	0
Afterflame & Afterglow time (sec)	0	0	0
Char length (cm)	7.4	8.7	9.2
Rating of flammability			

Thermal conductivity 0.0317kcal/m.h. °C  
(At mean temp.30±5°C)



PVC foam materials

Cutting size

**CPS 冠旭企業有限公司**

CHAMPION SHINE ENTERPRISE CO., LTD.

54065 台灣南投市工業路一號  
No.1 Kong Yeh Rd., Nantou City,  
54065, Taiwan

Tel: +886-49-2252622~3

Fax: +886-49-2252621

E-mail: chs2@ms13.hinet.net  
sales@chps.com.tw

Website: <http://www.chps.com.tw>