

惠州市宏旺硅胶制品有限公司

HONEYWON SILICONE RUBBER PRODUCTS CO.,LTD

ADD: Huicheng District, Huizhou, Guangdong, China TEL: (0086) 752-8481591

E-mail: dedefirefly@hotmail.com Web: <http://www.honeywon.com>

Technical Data:

Thermally Conductive Silicone Gap Filler:HWP-180

Product Features:

Thermal conductivity: 1.8W/m-K

Available in thickness from 0.020" – 0.200"

(0.5mm- 5.08mm),

0.010-inch (0.25mm)

increments

Naturally tacky for adhesion during assembly and transport



Product Applications:

Telecommunication hardware

Memory Modules

LED solid state lighting

Computer and peripherals

Automotive electronics

Mass storage devices

Small network equipment

Radios, audio, projector and video component

Cooling components to chassis

Power electronics

Set top boxes

LCD and PDP flat panel TV

Configurations Available and Options

Sheet form (18"X18", 18"X9") and die-cut parts

A1 indicates only one side tacky

Product description:

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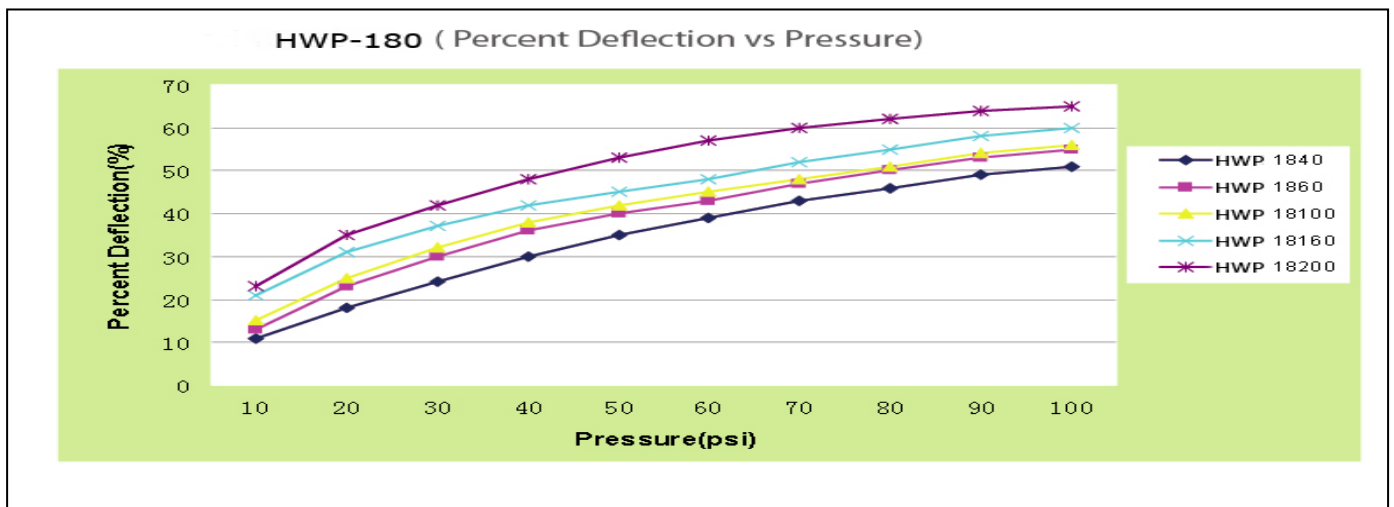
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Typical Properties of HWP-180			
Properties	Units	HWP180	Test Method
Construction & Composition	---	Silicone & Ceramic filled	---
Color	---	Light Violet	Visual
Thickness Range	mm	0.5~5.0mm	ASTM D374
Hardness	Shore 00	50	ASTM D2240
Density	g/cc	1.93	ASTM D792
Continuous Use Temp	°C	-60 to 160	EN344
Breakdown Voltage	Vac/mm	≥300	ASTM D149
Volume Impedance	ohm-cm	6*10 ¹⁶	ASTM D257
Dielectric Constant	1MHz	5.5	ASTM D150
Flame Rating	----	V-0	UL 94
Thermal Conductivity	W/m.k	1.8	ASTM D5470
UL, RoHS, REACH	----	Compliance	----

Percent Deflection Vs Pressure



Thermal Resistance Vs Pressure

