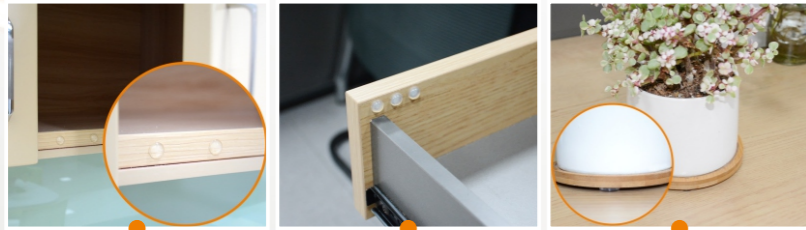


# 03 Home Anti-slip Pad Series 家居防滑垫系列

Self-adhesive Bumper Series  
缓冲垫系列



Screw-on Glides Series  
带螺丝脚垫系列



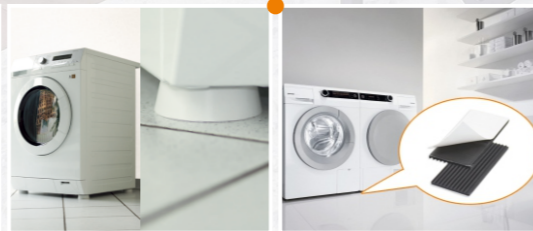
Rug Gripper Series  
地毯防滑垫系列



Caster Cups Series  
脚轮杯系列



Home Anti-slip Mat Series  
家居减震防滑垫系列



## New material Hyderon® 新材料TPIIR

Shock Absorption  
吸震

Sound Absorption  
隔音

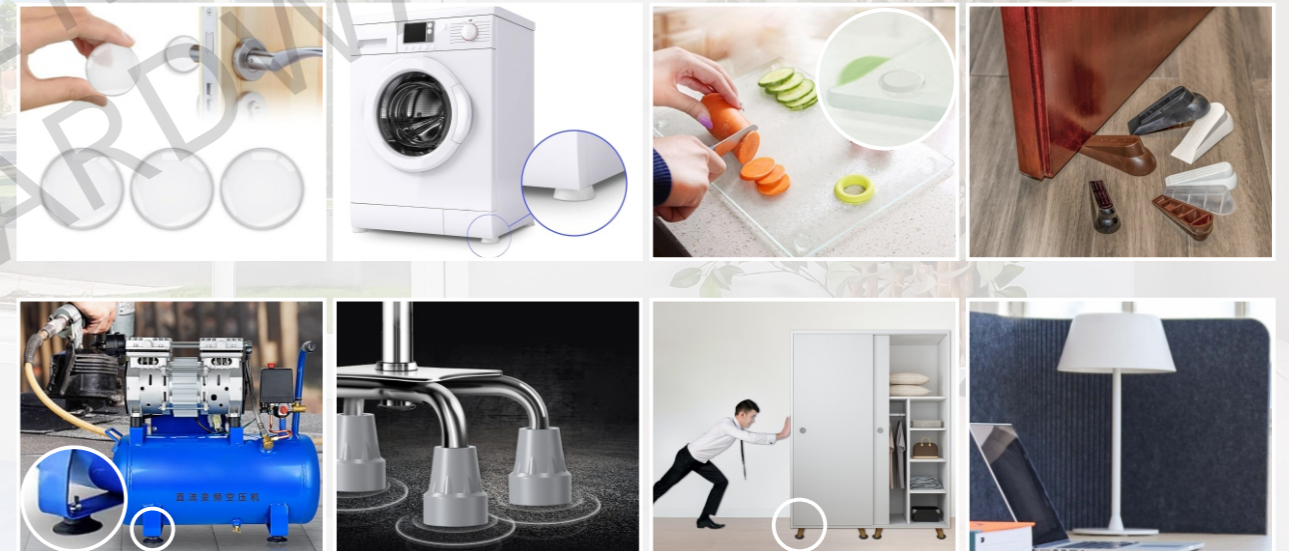
Skid Resistance  
止滑

Aging Resistance  
耐老化

High Damping  
高阻尼

Easily Plastic  
易塑性

Applications on Existing Products  
现有产品上的应用



Sink mat application  
水槽垫应用



# 3.1

## Self-Adhesive Bumper Series 缓冲垫系列

1 **Product Code**  
产品编码对照表 **79**

2 **Performance Parameter For Bumper**  
缓冲垫性能参数 **80**

3 **Bumper HTB Series**  
缓冲垫HTB系列 **81**

4 **Bumper HPB Series**  
缓冲垫HPB系列 **85**

5 **Bulk Form Of Two Grains Per Piece**  
两粒一片散装形式 **88**

6 **Luminous Self-adhesive Bumper**  
夜光缓冲垫 **89**

7 **Custom size/shape are available**  
随意定制各种尺寸及规格 **89**

8 **Assembly Packaging Series**  
推荐组合包装 **90**



# Hyderon Bumper Series Introduction

Hyderon Bumpers has the feature of abrasion resistant, skid resistance and noise elimination. With long term use will not harden and crack, have good elasticity. For pressure-sensitive adhesive, it has the advantage of strong viscous force and durable in use. It has been widely used in the following areas: small electronics, electronic equipment, plate group of fixed printed wiring, automobile, woodwork, glass and metal surface.

Hyderon has developed three kinds of bumpers to satisfy different customer' requirements: HTB series and HPB series. The two series all have obvious characters. You will always find suitable products from Hyderon.

(1) HTB Series: It has the feature of skid resistance and noise elimination. It can follow person selected pick between 35A to 80A. It fully meets the ROHS standard in Europe, which has no oil on the surface and hardly losing stickiness, but PVC bumper does. For the surface of low (high) interface energy, it has the advantage of good adhesive force. By using modified materials and injection technics, the cost is a little cheaper than HPB and the protection from UVR is much stronger than HPB, but it couldn't reach HPB Standard if using a piece of bumper. It has been widely used in the following areas: base plate, baffle plate, spacer and protective device. It helps to keep the products from damage by scarping, cutting, abrasion, sliding and so on.

(2) HPB Series: Making by polyurethane, it has the feature of abrasion resistant, durable function and so on. It is similar to 3M Bumpon®, Bumper specialties, ITW/FASTEX®. We are committed to provide our customers with the most competitive pricing and high-quality products. It has been widely used in the surface of electronics and home supplies.

(3) Random die cut series: with the flat plate material. Can be random die cut to different shapes and sizes. The standard color is black and transparent. Custom color is also OK. We can do 0.7mm-5mm thickness. Excellent anti-slip and anti-wear feature, good adhesion. Can be used on different products.



# 汇德隆缓冲垫系列介绍

具有耐磨防滑、减震消音之功效，长期使用不会硬化、破裂、具有弹性。性能持久独特的压敏胶粘剂，粘力强、经久耐用。广泛应用于：小型电器、电子设备、电话、键盘、固定印刷线路板组件、汽车、木制品、玻璃及金属表面的保护。

汇德隆公司根据不同行业用户的需求，推出HTB、HPB两款Bumper系列产品，都具有明显特点，总有一款系列产品适合不同行业的你。

(1) HTB系列：具有防滑、减震消音之功能，产品软硬度自由选择（35A至80A），取代了PVC材料的Bumper表面容易出油而失去粘性的弱点，并且达到欧盟ROHS标准。对于低（高）表面能，粘合力优异。采用改性材料及注塑工艺，成本比HPB稍低，防紫外线能力比HPB更强，只是单张颗粒无法达到HPB标准。广泛地用作底座、挡块、垫片和保护装置，帮助防止因为擦刮、切口、磨损、滑动等对产品造成的损坏。

(2) HPB系列：采用聚氨酯为材料，具有耐磨、耐久等性能，类似3M Bumpon®、Bumper specialties、ITW/FASTEX®。我们保证致力于提供全球市场上最具竞争力的价格，适合电子产品以及家庭装饰物的表面保护。

(3) 随意定制系列：Hyderon提供片材产品，可以随意定制各种形状和尺寸，常规黑色和透明色，特殊颜色也可以满足客户要求。可提供0.7mm-5mm厚度，极好的防滑和耐磨性，良好的粘附能力。很好配合不同产品的工艺需求。

Elegance in Transparency. Simply apply our bumpers to your drawers and doors for an instantly elegant, noise-free environment.

透明中的优雅。只需将我们的缓冲垫贴在抽屉和门上，即刻享受一个优雅无噪音的环境。

# 1 Product Code 产品编码对照表

Hyderon® HTB Bumper	Bumper Specialities	3M Bumpon	Size	PCS/PAD	Hyderon® HPB Bumper
HTB-1	BS34	SJ67A8	9.5x3.2mm	300(12x25)	HPB-1
HTB-2	BS35	SJ67A2	9.5x4.8mm	288(12x24)	HPB-2
HTB-5	BS02	SJ5003	11.1x5.1mm	242(11x22)	HPB-3
HTB-6	BS05	SJ57B1	12.7x1.5mm	200(10x20)	HPB-4
HTB-9	BS01	SJ5012	12.7x3.5mm	200(10x20)	HPB-5
HTB-10	BS06	SJ5745	12.7x6.4mm	200(10x20)	HPB-6
HTB-12	BS44	SJ5744	19.1x4.1mm	98(7x14)	HPB-7
HTB-13	BS41	SJ5780	19.8x5.1mm	98(7x14)	HPB-8
HTB-14	BS24		20.6x3mm	72(6x12)	HPB-9
HTB-22	BS07	SJ5329	8.5x2.2mm	450(15x30)	HPB-23
HTB-23	BS12		9.5x3.8mm	288(12x24)	HPB-24
HTB-24	BS22	SJ5333	9.5x5.4mm	300(12x25)	HPB-25
HTB-31	BS15	SJ5027	15.7x7.9mm	128(8x16)	HPB-26
HTB-32	BS08		18.2x9.6mm	98(7x14)	HPB-27
HTB-11	BS39		19.1x1.9mm	98(7x14)	HPB-28
HTB-26	BS10	SJ5306	10x3mm	288(12x24)	HPB-29
HTB-17	BS25	SJ5382	6.4x2.2mm	578(17x34)	HPB-30
HTB-34	BS20	SJ5007	10.2x10.2x2.5mm	242(11x22)	HPB-50
HTB-35	BS32	SJ5008	12.7x12.7x3mm	200(10x20)	HPB-51
HTB-36	BS03	SJ5018	12.7x12.7x5.8mm	200(10x20)	HPB-52
HTB-38	BS29	SJ6148	19.8x19.8x6.4mm	98(7x14)	HPB-53
HTB-39	BS19	SJ5023	20.6x20.6x7.6mm	98(7x14)	HPB-55
HTB-15	BS17	SJ5009	22.3x10.2mm	72(6x12)	HPB-70
HTB-40	BS33		12.7x3.8mm	200(10x20)	HPB-72
HTB-41	BS58		12.7x5.1mm	200(10x20)	HPB-73



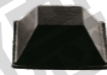
HTB-1



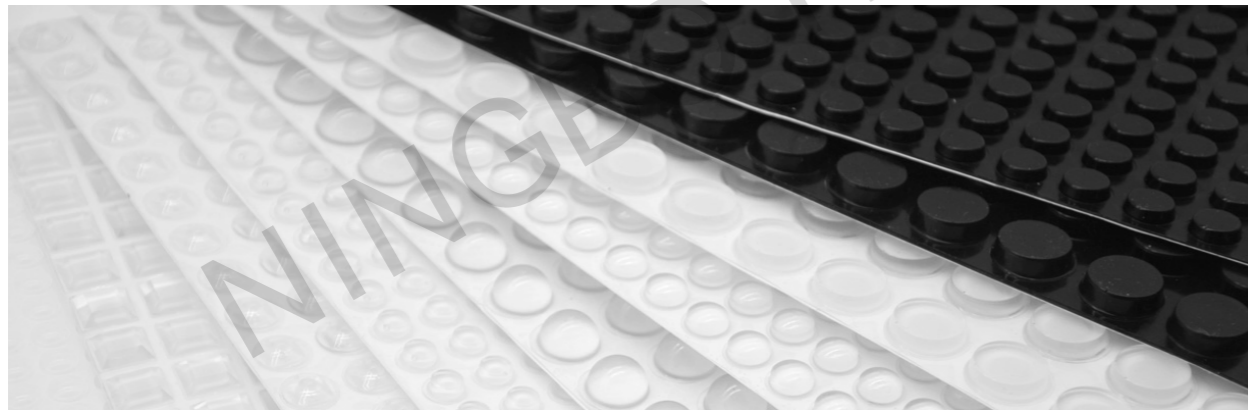
HTB-5



HTB-31



HTB-39



# 2 Performance Parameter For Bumper 缓冲垫性能参数


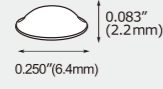

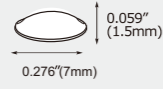

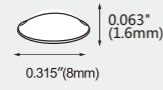

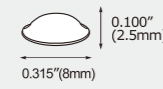

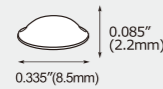

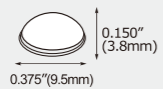

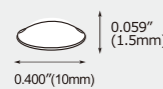

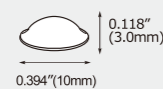



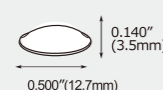

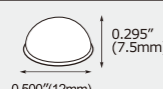

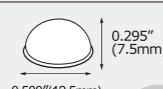
Typical Properties		HTB Series	HPB Series
Static Shear Test		500+hours*[PSTC**-07 Procedure A/ASTM***B 3658]	500+hours*[PSTC**-07 Procedure A/ASTM***B 3654]
Peel Adhesion		70oz/in (658 g/cm)[ PSTC-3** /ASTM***D 3330]	89oz/in (836 g/cm)[ PSTC-3** /ASTM***D 3330]
Substress:	Thickness	1 mils (25microns)	2 mils (50 microns)
	Basis Weight	5,000 in /lb(71,230 cm/kg) typical value	10,000 in /lb(142,230 cm/kg) typical value
	TensileStrength	28,000 psi MD (1,900,000 g/cm)	28,000 psi MD (1,900,000 g/cm)
Liner:	Thickness	5.3mils	8.3mils(158 microns)
	Basis Weight	110 g/m <sup>2</sup>	170 g/m <sup>2</sup>
Temperature	Application	50-85°F ( 10-30°C )	65°F-150°F(18°C-65.6°C)
	End Use	50-85°F ( 10-30°C )	-40°F-300°F(-40°C-149°C)
Substrate Elongation			120%MD
Shelf Life		24months based on accelerated aging	
Storage		5-40°C ( 40-100°F ) , Humidity: <70%	73.4°F(23°C)and 55% relative humidity

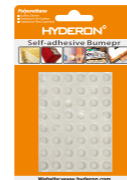


- Self-adhesive anti-collision/shockproof/silencing transparent.  
自粘防撞/防震/消音透明
- Can be directly attached to various door panels or drawers such as wardrobes, cabinets, bookcases, etc.  
可直接贴在衣柜、橱柜、书柜、等各种门板或抽屉上
- Refined and beautiful, reduce noise, reduce impact force.  
精致美观，减少噪音，降低撞击力量

### 3 Bumper HTB Series 缓冲垫HTB系列

#### • Hemispherical 半球形

HTB-17			6.4x2.2mm	400/Sheet-40000Per Box
HTB-18			7x1.5mm	360/Sheet-36000Per Box
HTB-19			8x1.6mm	50/Sheet-10000Per Box 286/Sheet-28600Per Box
HTB-21			8x2.5mm	50/Sheet-10000Per Box 360/Sheet-36000Per Box
HTB-22			8.5x2.2mm	360/Sheet-36000Per Box
HTB-23			9.5x3.8mm	216/Sheet-21600Per Box
HTB-25			10x1.5mm	50/Sheet-10000Per Box
HTB-26			10x3mm	40/Sheet-8000Per Box 50/Sheet-10000Per Box 198/Sheet-19800Per Box
HTB-27			10x5mm	32/Sheet-6400Per Box
HTB-28			12.7x3.5mm	64/Sheet-6400Per Box 135/Sheet-13500Per Box
HTB-29			12x7.5mm	40/Sheet-8000Per Box
HTB-30			12.5x7.5mm	35/Sheet-7000Per Box



HTB-17(48PC)



HTB-33(16PC)

HTB-31			15.7x7.9mm	36/Sheet-3600Per Box
HTB-32			18.2x9.6mm	32/Sheet-3200Per Box
HTB-33			19x9.5mm	32/Sheet-3200Per Box
HTB-45			20x4mm	12/Sheet-2400Per Box

#### • Cylindrical 圆柱形

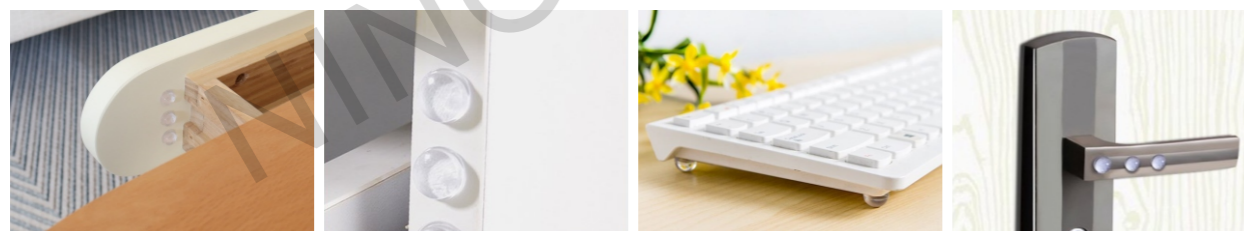
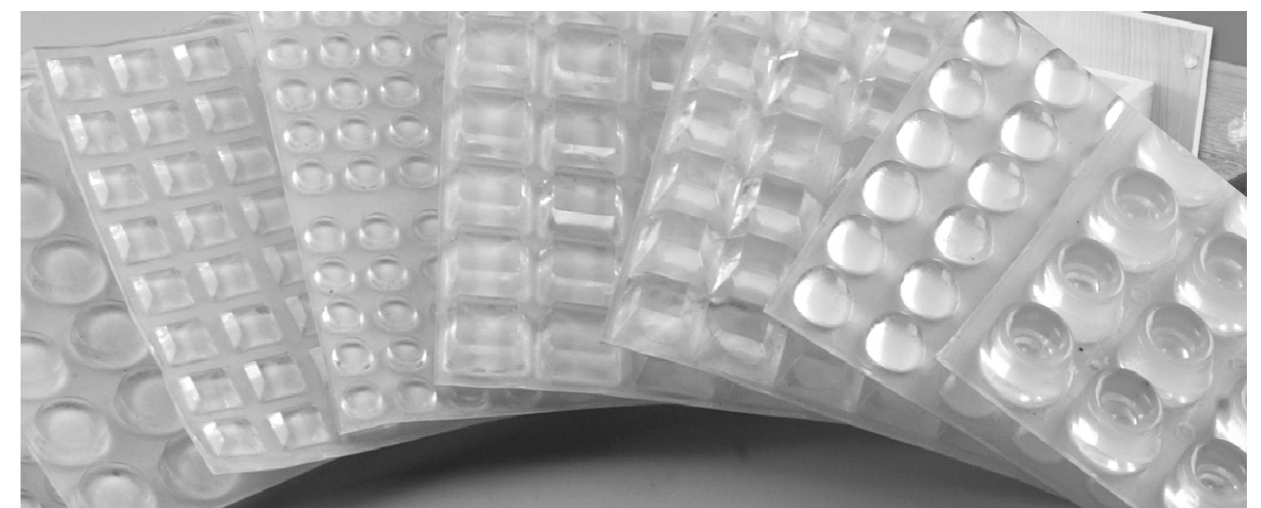
HTB-1			9.5x3.2mm	50/Sheet-10000Per Box
HTB-2			9.5x4.8mm	40/Sheet-8000Per Box
HTB-3			10x3mm	40/Sheet-8000Per Box 50/Sheet-10000Per Box
HTB-5			11.1x5.1mm	32/Sheet-6400Per Box
HTB-6			12.7x1.5mm	160/Sheet-16000Per Box
HTB-8			12x2.8mm	36/Sheet-7200Per Box



HTB-1(48PC)



HTB-1(24PC)



Self-Adhesive Bumper

Self-Adhesive Bumper

## • Cylindrical 圆柱形

HTB-9		 0.140" (3.5mm) 0.500" (12.7mm)	12.7x3.5mm	32/Sheet-6400Per Box 45/Sheet-9000Per Box
HTB-10		 0.250" (6.4mm) 0.500" (12.7mm)	12.7x6.4mm	32/Sheet-6400Per Box
HTB-11		 0.075" (1.9mm) 0.750" (19.1mm)	19.1x1.9mm	77/Sheet-7700Per Box
HTB-46		 0.120" (3.0mm) 0.750" (19.1mm)	19.1x3.0mm	36/Sheet-3600Per Box
HTB-12		 0.160" (4.1mm) 0.750" (19.1mm)	19.1x4.1mm	36/Sheet-7200Per Box 48/Sheet-9600Per Box
HTB-13		 0.200" (5.1mm) 0.780" (19.8mm)	19.8x5.1mm	36/Sheet-3600Per Box
HTB-14		 0.120" (3.0mm) 0.810" (20.6mm)	20.6x3.0mm	36/Sheet-3600Per Box

## • Recessed And Others 其他形状

HTB-15		 0.400" (10.2mm) 0.880" (22.3mm)	22.3x10.2mm	16/Sheet-1600Per Box
HTB-16		 0.600" (15.2mm) 1.810" (46mm)	46x15.2mm	4/Sheet-400Per Box
HTB-40		 0.150" (3.8mm) 0.500" (12.7mm)	12.7x3.8mm	32/Sheet-6400Per Box
HTB-41		 0.219" (5.1mm) 0.500" (12.7mm)	12.7x5.1mm	32/Sheet-6400Per Box
HTB-42		 0.071" (1.8mm) 0.630" (16mm)	16x16x1.8mm	36/Sheet-3600Per Box
HTB-43		 0.102" (2.6mm) 0.630" (16mm)	16x16x2.6mm	48/Sheet-3600Per Box
HTB-44		 0.138" (3.5mm) 0.630" (16mm)	16x16x3.5mm	36/Sheet-3600Per Box

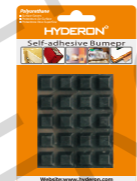


HTB-15(4PC)

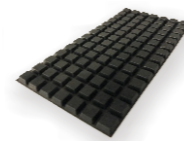


## • Square 方形

HTB-34		 0.098" (2.5mm) 0.315" (10mm)	10x10x2.5mm	50/Sheet-10000Per Box
HTB-35		 0.120" (3.0mm) 0.500" (12.7mm)	12.7x12.7x3mm	32/Sheet-6400Per Box
HTB-36		 0.230" (5.8mm) 0.500" (12.7mm)	12.7x12.7x5.8mm	24/Sheet-4800Per Box 40/Sheet-8000Per Box
HTB-37		 0.256" (6.5mm) 0.591" (15mm)	15x15x6.5mm	32/Sheet-3200Per Box
HTB-38		 0.250" (6.4mm) 0.780" (19.8mm)	19.8x19.8x6.4mm	36/Sheet-3600Per Box
HTB-39		 0.300" (7.6mm) 0.810" (20.6mm)	20.6x20.6x7.6mm	36/Sheet-3600Per Box
HTB-47		 0.5" (12.7mm) 1" (25.4mm) 0.177" (4.5mm)	12.7x25.4x4.5mm	32/Sheet-3200Per Box



HTB-36(20PC)



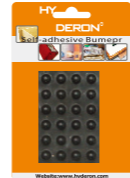
- 多用途自粘防撞/防震/消音透明垫
- 可用于电子设备底座/橱柜门防撞
- 既防滑又耐用

# 4 Bumper HPB Series 缓冲垫HPB系列



## • Hemispherical 半球形

HPB-23			8.5x2.2mm	450/Sheet-11250Per Box
HPB-24			9.5x3.8mm	288/Sheet-7200Per Box
HPB-25			9.5x5.4mm	300/Sheet-6000Per Box
HPB-26			15.7x7.9mm	128/Sheet-3200Per Box
HPB-27			18.2x9.6mm	98/Sheet-2254Per Box
HPB-29			10x3mm	288/Sheet-7200Per Box
HPB-30			6.4x2.2mm	578/Sheet-15028Per Box
HPB-31			7x1.5mm	360/Sheet-36000Per Box
HPB-32			8x1.5mm	50/Sheet-10000Per Box 286/Sheet-28600Per Box
HPB-33			8x1.7mm	50/Sheet-10000Per Box 286/Sheet-28600Per Box
HPB-34			8x2.5mm	50/Sheet-10000Per Box 360/Sheet-36000Per Box
HPB-35			10x1.5mm	50/Sheet-10000Per Box
HPB-36			10x5mm	32/Sheet-6400Per Box
HPB-37			12.7x3.5mm	64/Sheet-6400Per Box 135/Sheet-13500Per Box



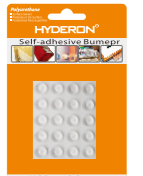
HPB-24 (24PC)



HPB-38			20x4mm	12/Sheet-2400Per Box
HPB-39			12x7.5mm	40/Sheet-8000Per Box
HPB-40			12.5x7.5mm	35/Sheet-7000Per Box
HPB-41			19x9.5mm	32/Sheet-3200Per Box


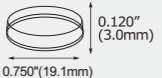
## • Cylindrical 圆柱形

HPB-1			9.5x3.2mm	300/Sheet-6000Per Box
HPB-2			9.5x4.8mm	288/Sheet-7200Per Box
HPB-3			11.1x5.1mm	242/Sheet-5082Per Box
HPB-4			12.7x1.5mm	200/Sheet-5000Per Box
HPB-5			12.7x3.5mm	200/Sheet-5000Per Box
HPB-6			12.7x6.4mm	200/Sheet-5000Per Box
HPB-7			19.1x4.1mm	36/Sheet-7200Per Box 48/Sheet-9600Per Box 98/Sheet-2450Per Box
HPB-8			19.8x5.1mm	98/Sheet-3430Per Box
HPB-9			20.6x3mm	72/Sheet-2520Per Box
HPB-10			12x2.8mm	36/Sheet-7200Per Box
HPB-11			10x3mm	40/Sheet-8000Per Box 50/Sheet-10000Per Box



HPB-1 (20PC)



<b>HPB-12</b>		 0.140" (3.5mm) 0.394" (10mm)	10x3.5mm	48/Sheet-9600Per Box
<b>HPB-13</b>		 0.140" (4mm) 0.500" (12mm)	12x4mm	28/Sheet-5600Per Box 32/Sheet-6400Per Box 36/Sheet-7200Per Box 40/Sheet-8000Per Box
<b>HPB-28</b>		 0.075" (1.9mm) 0.750" (19.1mm)	19.1x1.9mm	77/Sheet-7700Per Box
<b>HPB-14</b>		 0.120" (3.0mm) 0.750" (19.1mm)	19.1x3.0mm	36/Sheet-3600Per Box



### • Square 方形

<b>HPB-50</b>		 0.100" (2.5mm) 0.400" (10.2mm)	10.2x10.2x2.5mm	242/Sheet-5082Per Box
<b>HPB-51</b>		 0.120" (3.0mm) 0.500" (12.7mm)	12.7x12.7x3mm	200/Sheet-5000Per Box
<b>HPB-52</b>		 0.230" (5.8mm) 0.500" (12.7mm)	12.7x12.7x5.8mm	200/Sheet-5000Per Box
<b>HPB-53</b>		 0.250" (6.4mm) 0.780" (19.8mm)	19.8x19.8x6.4mm	98/Sheet-2940Per Box
<b>HPB-54</b>		 0.256" (6.5mm) 0.591" (15mm)	15x15x6.5mm	32/Sheet-3200Per Box
<b>HPB-55</b>		 0.300" (7.6mm) 0.810" (20.6mm)	20.6x20.6x7.6mm	98/Sheet-2646Per Box



HPB-50 (15PC)



### • Recessed And Others 其他形状

<b>HPB-70</b>		 0.400" (10.2mm) 0.880" (22.3mm)	22.3x10.2mm	72/Sheet-1440Per Box
<b>HPB-71</b>		 0.600" (15.2mm) 1.810" (46mm)	46x15.2mm	4/Sheet-400Per Box
<b>HPB-72</b>		 0.150" (3.8mm) 0.500" (12.7mm)	12.7x3.8mm	200/Sheet-5000Per Box
<b>HPB-73</b>		 0.219" (5.1mm) 0.500" (12.7mm)	12.7x5.1mm	200/Sheet-5000Per Box
<b>HPB-74</b>		 0.071" (1.8mm) 0.630" (16mm)	16x16x1.8mm	36/Sheet-3600Per Box
<b>HPB-75</b>		 0.102" (2.6mm) 0.630" (16mm)	16x16x2.6mm	48/Sheet-3600Per Box
<b>HPB-76</b>		 0.138" (3.5mm) 0.630" (16mm)	16x16x3.5mm	36/Sheet-3600Per Box



HPB-70 (4PC)



### 5 Bulk Form Of Two Grains Per Piece 两粒一片散装形式

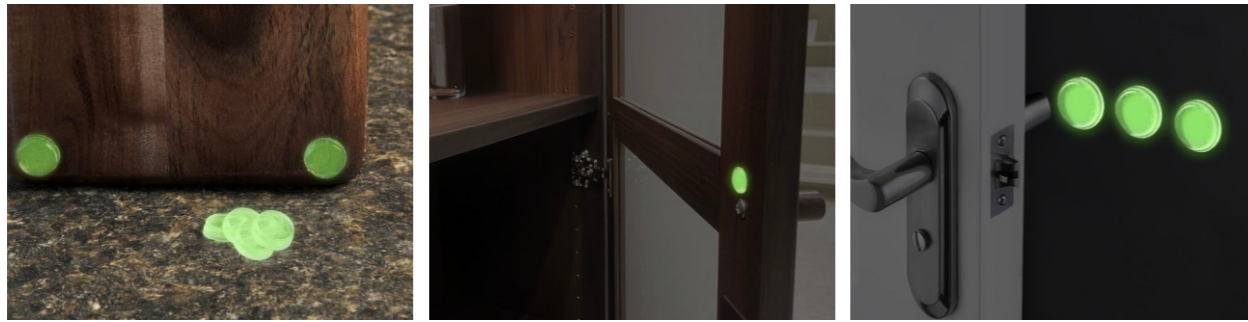


Customers can also choose the bulk form of two grains and one piece according to their needs.  
客户也可以根据需求，选择产品两粒一片的散装形式





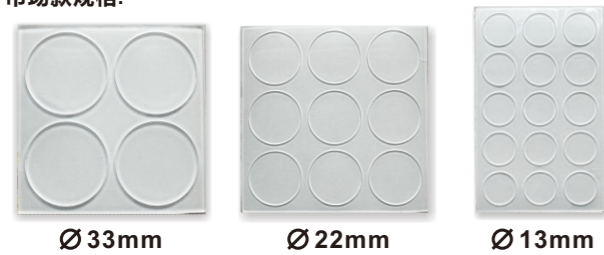
## 6 Luminous Self-adhesive Bumper 夜光缓冲垫



- Luminous self-adhesive bumper, serving as a warning and reminder at night.  
夜光款的缓冲垫，可在夜间起到警示提醒的作用。

## 7 Custom size/shape Are Available 随意定制平面缓冲垫

Market Specifications:  
市场款规格:



Various shapes and sizes  
can be customized at will.  
可随意定制各种形状尺寸



## 8 Assembly Packaging Series 推荐组合包装

Part No.	Specification	Thickness	PAD	Colour	Packaging Form
HTB-CP-7(48PC)	Ø 10mm HTB-26	3mm	20pcsx1	⊘	
	Ø 12mm HTB-7	4mm	12pcsx1		
	Ø 22mm HS-22090	9mm	4pcsx1		
	12.7x12.7mm HTB-36	5.8mm	6pcsx1		
	20.6x20.6mm HTB-39	7.6mm	6pcsx1		
HTB-CP-8(46PC)	Ø 10mm HTB-3	3mm	24pcsx1	⊘	
	Ø 12mm HTB-7	4mm	14pcsx1		
	Ø 19.1mm HTB-12	4.1mm	8pcsx1		
HTB-CP-9(36PC)	Ø 9.5mm HTB-23	3.8mm	16pcsx1	⊘	
	Ø 12.7mm HTB-9	3.5mm	16pcsx1		
	Ø 19.1mm HTB-12	4.1mm	4pcsx1		
HTB-CP-1(52PC)	Ø 10mm HTB-25	1.5mm	20pcsx1	⊘	
	Ø 12mm HTB-9	3.5mm	16pcsx1		
	Ø 10mm HTB-27	5mm	16pcsx1		

• Can be used for different products 可使用于不同的产品

