

## Polyurethane PU Self-Adhesive Protective Feet - Round, Black



### DESCRIPTION

A wide range of round self-adhesive protective feet made from black polyurethane (PU).

### DISTINCTIVE FEATURES

- Wide range of sizes
- Quick and simple to fit
- Protects against scratching
- Helps prevent slipping and sliding
- Absorb shock and vibration
- Protects surfaces and equipment
- Non-marking
- Create gap for heat dissipation
- Supplied in sheet quantities

### APPLICATIONS

Ideal for use with a wide range of products and applications.

PU

ROUND

UL94-HB





## GENERAL SPECIFICATION

Type	Round Black
Features	Shock & vibration resistant
	Non-slip & non-marking



## MATERIALS

Material	Polyurethane
Colour	Black

Polyurethane Physical Properties		
Properties	Test method	All colours
Hardness (Shore A)	ASTN D-2240	66-70
Tensile strength (MPA)	BS903	4.5MN/m <sup>2</sup>
Elongation (%)	BS903	193
Tear strength (KN/m)	BS903	14.4
Abrasion resistance (MG loss)	BS EN 5470-1:1999	150
Load tolerance 21°C to 60°C	-	Min. 3 Mpa
Flame retardancy	UL94HB (in-house test)	Pass
Kinetic coefficient of friction	ASTM D - 1894 - 78	-
	A Stainless steel	2.52
	B Glass	2.7
	D High impact polystyrene	2.37
Shelf-life - 12 months when stored in original packaging at room temperature		

### Exposure to the Environment

These feet are intended for interior applications where physical properties will remain unchanged. When used externally for extended periods, some discolouration as well as loss of adhesion may occur.

### Pressure Sensitive Adhesive Data

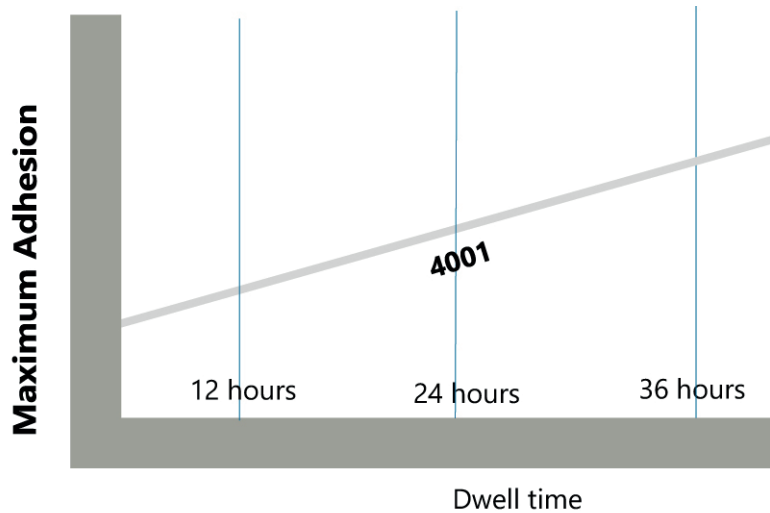
A solvent based acrylic adhesive with high instant tack. Strong stable pressure sensitive adhesive system which displays good adhesion to more demanding surfaces that would need higher levels of tack as well as good peel and shear properties. This adhesive system also displays good ageing properties when used for long term applications

Peel & Sheet Data			
Surface material	Test method	4001 Pressure Sensitive Adhesive Data	
		20 min. - 23°C 50% RH	24 hour - 23°C 50% RH
Stainless steel	Peel FINAT 1	13.4	15.7
Aluminium	Unit N/25mm	12.1	14.8
Glass		12.5	17.7
HDPE		4.1	4.4
Polystyrene		9.9	13.1
ABS		10.4	15.1
Stainless steel	Shear FINAT 8	—	>300 hour
Stainless steel	Loop tack N/25mm	13.8	

Temperature Range			
Adhesive No.	Adhesive type	Application temperature	Service temperature
4001	Solvent	20°C to +40°C	-40°C to +120°C

### Adhesive Considerations

Please refer to the chart which illustrates the relative adhesion properties of the adhesive system. In general terms it is helpful to allow time (dwell) to increase the surface contact and therefore the overall adhesion. As application conditions will vary, we recommend customers carry out their own tests to ensure suitability.



It is important to remember, that as with any self adhesive product, the surface to which they are being applied must be clean, dry and free from dust and dirt. Therefore, to gain maximum adhesion, clean the surface with low strength solvent and allow to dry thoroughly before use.



## CERTIFICATION AND STANDARDS

ASTN D-2240	BS EN 5470-1:1999
BS903	ASTM D - 1894 - 78



## ENVIRONMENTAL/OPERATING SPECIFICATION

Flame Resistance	UL94-HB
Load Tolerance 21°C to 60°C	3Mpa min.



## DIMENSIONS/DRAWINGS

Dimensions	mm - see Part Number Table
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## PART NUMBER TABLE

Part Number Units	Diameter mm	Height mm	Sheet quantity	EAN	UNSPSC	Country of Origin
<b>31-0014</b>	8.0	2.2	196	5053556003501	30161809	United Kingdom
<b>31-0016</b>	8.0	3.0	144	5053556003525	30161809	United Kingdom
<b>31-0015</b>	9.5	3.8	96	5053556003518	30161809	United Kingdom
<b>31-0017</b>	10.0	3.1	144	5053556003532	30161809	United Kingdom
<b>31-0018</b>	10.0	4.0	110	5053556003549	30161809	United Kingdom
<b>31-0021</b>	11.1	5.0	110	5053556003570	30161809	United Kingdom
<b>31-0020</b>	12.7	3.5	100	5053556003563	30161809	United Kingdom
<b>31-0019</b>	14.0	4.5	64	5053556003556	30161809	United Kingdom
<b>31-0025</b>	16.0	7.9	64	5053556003617	30161809	United Kingdom
<b>31-0027</b>	19.0	4.0	84	5053556003631	30161809	United Kingdom
<b>31-0026</b>	19.0	9.5	98	5053556003624	30161809	United Kingdom
<b>31-0028</b>	20.0	6.0	84	5053556003648	30161809	United Kingdom
<b>31-0029</b>	22.3	10.1	72	5053556003655	30161809	United Kingdom

For further information on pricing, delivery, and long-term stock agreements please get in touch with your local business development contact, telephone our main office on **01206 838000** or email **Sales@Rapidonline.com**.



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