

## DEFENDA STRIP RISE - PRODUCT DATA SPECIFICATION SHEET

**Dimensions:** L672mm, W108mm (inc cones), W77mm (fixing base exc. cones),  
H58mm

**No of cones per length:** 144 - two alternating heights of 30mm and 25mm

**Appx. Weight:** 472g per length (excluding end caps)

**Material:** DefendaStrip top: 97% Polypropylene, 2% Masterbatch colour, 1% UV stabilizer (Southern Europe level - can be modified as special order to suit other areas). Fixing base: 100% recycled ABS

**Multiple fixing options:** adhesive (suitable for ABS), screws, metal banding

**Colours:** DefendaStrip: Black as standard. Green, grey and brown by special order. RAL colours available subject to availability, requirement and MOQ.

Fixing base: Black

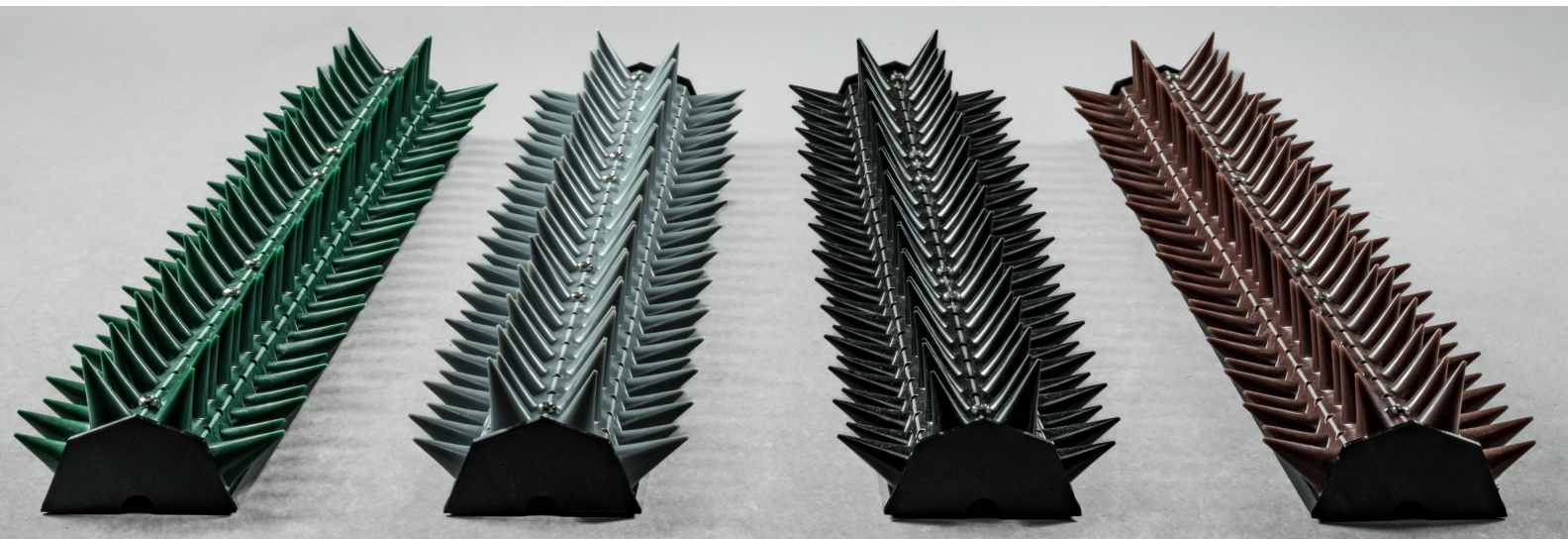
**Recyclable at end of useful life**

**Patented and Registered Design.** GB Patent No: 2 573 39

**Place of design and manufacture:** England

Rohs Compliant to Directive 2011/65/EU (if applicable)

Reach Compliant to regulation (EC) No 1907/2006



# Defenda Strip<sup>®</sup> ▲▲▲▲

Polypropylene block copolymer for injection molding  
 Good balance of stiffness and impact strength  
 Complies with FDA Regulations 21 CFR 177.1520 for food contact

 LG Chem

**M1500**

Properties	Method	Condition	Unit	M1500
<b>Physical</b>				
MFI	ASTM D1238	230°C, 2.16kg load	g/10min	16
Density	ASTM D1505	Density-Gradient	g/cm <sup>3</sup>	0.9
<b>Mechanical</b>				
Tensile Strength at yield point(kgf/cm <sup>2</sup> )	ASTM D638	50mm/min	kgf/cm <sup>2</sup>	250
Elongation at Break Point	ASTM D638	50mm/min	%	<300
Flexural Modulus(kgf/cm <sup>2</sup> )	ASTM D790	Press sheet, 1% Secant	kgf/cm <sup>2</sup>	12000
Izod Impact Strength(kgf-cm/cm)	ASTM D256	23°C, Notched	kgf-cm/cm	11
Izod Impact Strength(kgf-cm/cm)	ASTM D256	-20°C, Notched	kgf-cm/cm	4
Rockwell Hardness(R-Scale)	ASTM D785	R-Scale		90
<b>Thermal</b>				
Vicat Softening Temperature	ASTM D1525	A50	°C	150
Heat Deflection Temperature	ASTM D648	4.6kgf/cm <sup>2</sup>	°C	105

## Note

The properties data in this table are typical values, and not guaranteed specification.  
 Typical resin property values are measured on a standard injection molded specimens.

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