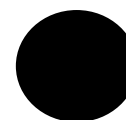


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**SPECS &
INFORMATION**

Herbie® Clip Plastic Snap Fit Hose Clamp, Size L Material PA66 Part No. HC-L-PA66-BK

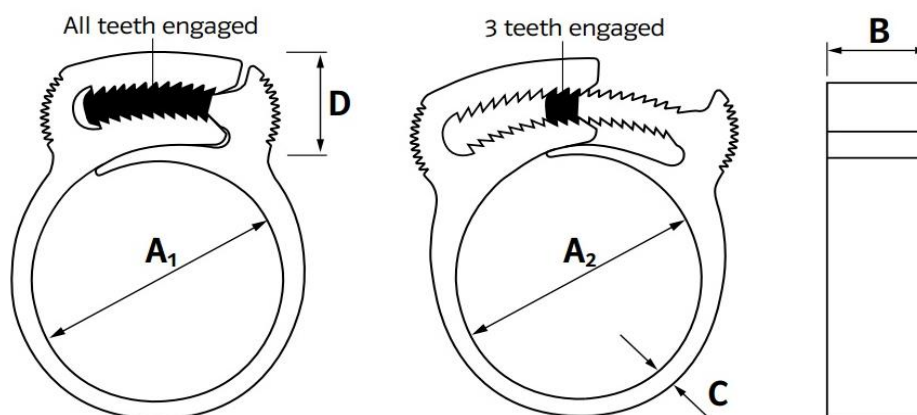


Description

Heavy duty, polymer, snap-fit, hose clamp with double row of interlocking teeth.



Outline Dimensions (General Tolerance $\pm 1\%$ unless otherwise indicated)



General Properties PA66 ¹			
Property	Value		Unit
	DAM	Conditioned (50% RH)	
Weight	3.57 (0.126) $\pm 2.5\%$	3.83 (0.135) $\pm 2.5\%$	g (oz)
Minimum Diameter (A ₁)	25.1 (0.988)	25.2 (0.992)	mm (inch)
Maximum Diameter (A ₂)	28.2 (1.110)	28.3 (1.114)	mm (inch)
Band Width (B)	7.2 ± 0.1 (0.283 ± 0.0039)	7.3 ± 0.1 (0.287 ± 0.0039)	mm (inch)
Band Thickness (C)	2.1 ± 0.1 (0.0827 ± 0.0039)	2.2 ± 0.1 (0.0866 ± 0.0039)	mm (inch)
Head Height (D)	13.1 (0.516)	13.2 (0.520)	mm (inch)

¹PA66 is the material code for Polyamide 6.6. The generic designation is Nylon 6.6.

Material Properties PA66¹

Property	Dry as Moulded	Conditioned 50%RH	Unit	Test Method
Tensile Stress (Yield, +23°C/+73°F)	83 (12.0)	66 (9.6)	MPa (kpsi)	ISO 527-2
Tensile Strain (Yield, +23°C/+73°F)	4.5	25	%	ISO 527-2
Tensile Strain (Break, +23°C/+73°F)	25	105	%	ISO 527-2
Flexural Modulus	2900 (420)	1350 (196)	MPa (kpsi)	ISO 178
Flexural Strength	86 (12.4)	22 (3.2)	MPa (kpsi)	ISO 178
Charpy Unnotched Impact Strength +23°C/+73°F	No break		kJ/m ² (ft-lb/in ²)	ISO 179
-30°C/-22°F			kJ/m ² (ft-lb/in ²)	ISO 179
-55°C/-67°F	No break		kJ/m ² (ft-lb/in ²)	ISO 179
Charpy Notched Impact Strength +23°C/+73°F	5.3 (2.5)		kJ/m ² (ft-lb/in ²)	ISO 179
-30°C/-22°F	6.6 (3.1)		kJ/m ² (ft-lb/in ²)	ISO 179
Notched Izod Impact Strength (23°C)	5.5 (2.6)		kJ/m ² (ft-lb/in ²)	ISO 180
Heat Deflection Temperature 0.45 MPa, Unannealed	200 (392)		°C (°F)	ISO 75-2/B
1.82 MPa, Unannealed	70.0 (158)		°C (°F)	ISO 75-2/A
Vicat Softening Temperature 50N	236 (457)		°C (°F)	ISO 306/B
10N	255 (491)		°C (°F)	ISO 306/B
Melting Temperature	260 (500)		°C (°F)	ISO 11357
Flammability	V-2			UL 94
RoHS Compliance	RoHS Compliant			
UL File Number	E70062			

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Important Notice to User

Shelf Life & Storage: Store in a cool dry area in original cartons within the sealed bags provided. Note that nylon 6.6. is hygroscopic and requires the hose clamps to be conditioned before fitting. If the clamps have dried out ensure that moisture is added to the bag to wet the parts and leave for at least 24 hours before fitting. HCL recommend that the hose clamps are used within 5 years after date of receipt to ensure full traceability.

Warranty: HCL warrants that all products when stored, used and maintained in accordance with HCL's written instructions will meet or exceed the above specification. HCL makes no other warranties or conditions, expressed or implied, including, but not limited to, any implied warranty or condition of merchantability or fitness for a particular purpose or any implied warranty or condition arising out of a course of dealing, custom or usage of trade. If any HCL product does not conform to this warranty then only replacement or refund of the affected parts will be considered.

Limitation of Liability: Except where expressly prohibited by law, HCL will not be liable for any damage or loss arising from the use of the HCL product.

Product Use: It is the user's responsibility to determine the suitability of the product for the task it is to be used for. HCL reserve the right to continually improve its product and would advise the user to contact HCL at all times to ensure they have up to date current data to work with.



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