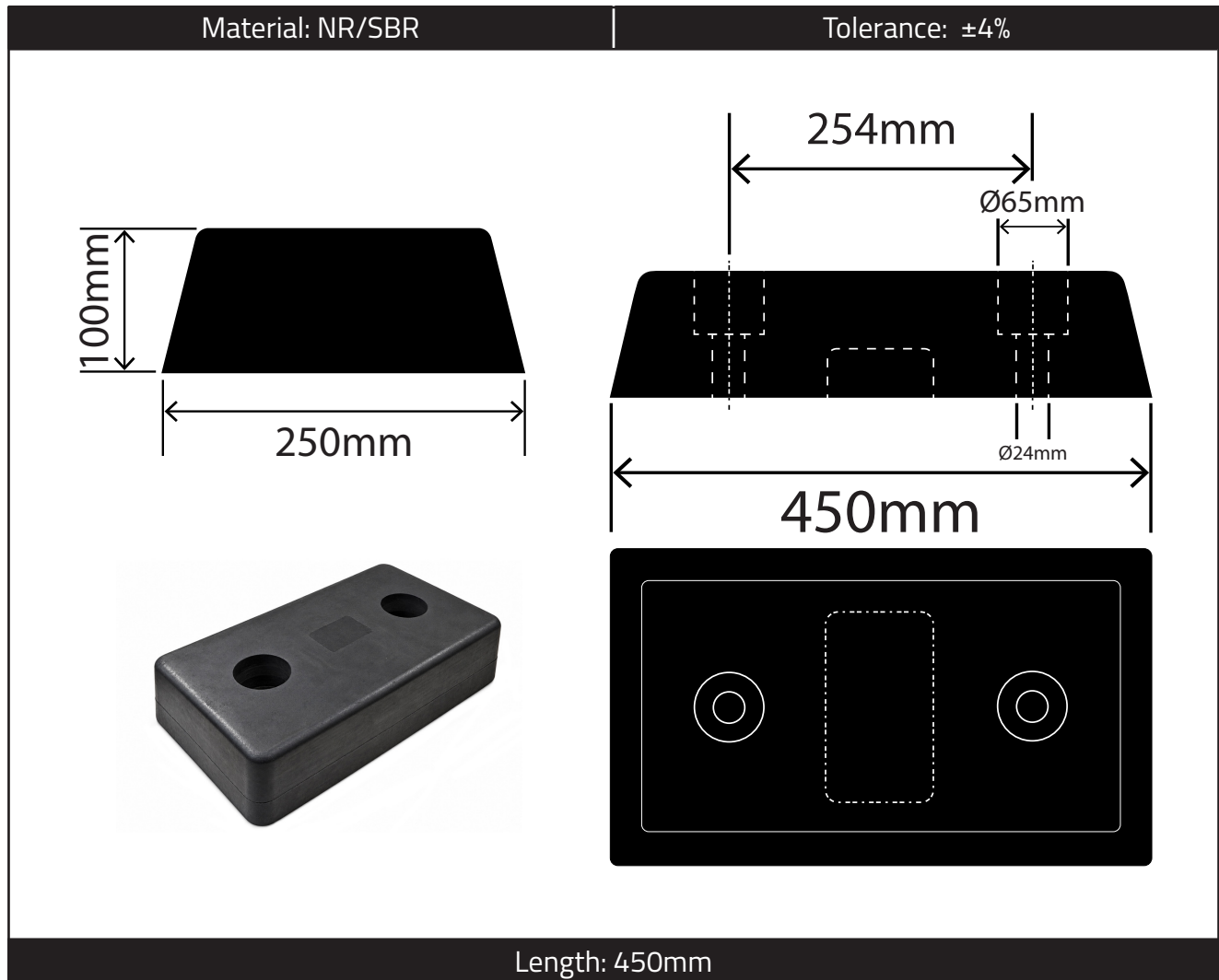


Rubber Dock Bumper - 250mm x 100mm x 450mm

Product Code: RC1330-450X250X100



The information contained on this product information sheet is to be used as guidance. The advice is given in good faith and does not constitute any guarantee or recommendation for suitability. The Rubber Company cannot be held liable for any damage caused by incorrect installation. We hereby reserve the right to change the technical information herewith without notification or prior agreement.

Technical Data

Property	Test Method	Conditions	Value
Material	-	-	Natural rubber / styrene butadiene rubber
Tensile Strength	ISO 37/BS 903-A2(S1)	Original	≥ 16.0 MPa (≥ 2321 psi)
	ASTM D412 Die C	After 96 h @ 70° C	≥ 12.8 MPa (≥ 1856 psi)
Elongation at Break	ISO 37/BS 903-A2(S1)	Original	≥ 350 %
	ASTM D412 Die C	After 96 h @ 70° C	≥ 280 %
Hardness (Shore A)	ISO 7619-1/BS 903-A57	Original	≤ 78°
	ASTM D2240	After 96 h @ 70° C	≤ original +6°
Compression Set	ISO 815-1/BS 903-A6	22 h @ 70° C	≤ 30 %
	ASTM D395 Method B		
Tear Resistance	ISO 34-1/BS 903-A3 Method C	Crescent type	≥ 70 kN/m (≤ 400 lbf/in)
	ASTM D624 Die B		
Ozone Resistance	ISO 1431-1/BS 903-A43	50 pphm @ 20 % strain, after 100 h @ 40° C	No cracks
	ASTM D1149		
Seawater Resistance	ISO 1817	28 days @ 95° C (±2° C)	Hardness: ≤ 10° Shore A
	ASTM D471		Volume: ≤ +10/-5 %
Abrasion Resistance	ISO 4649 Method A	-	≤ 100 mm ³
	ASTM D5963 Method A		
	BS 903-A9 Method A	1000 revolutions	≤ 0.5 cm ³
Bond Strength: Rubber to Steel	ISO 813/BS 903-A21	-	≥ 7 N/mm (≥ 40 lbf/in)
	ASTM D429 Method B		
Dynamic Fatigue*	ASTM D430 Method B	15,000 cycles	Grade 0-2

*Dynamic Fatigue testing is a chargeable optional extra. Gradings are:

Grade 0: No cracking has occurred

Grade 1: ≤10 pin pricks under 0.5mm long visible to the naked eye

Grade 2: >10 pin pricks under 0.5mm long visible to the naked eye

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