



Product ID

NG040 Expansion Joint Units

Technical Data Sheet

Expansion Joint Units

PROPERTIES	Nidagravel NG040 - Expansion Joint Units	REF
PRODUCT PROPERTIES		
Material	Low Density Polyethylene (LDPE)	
Recycled Material	Yes, 100% Recycled LDPE	
Unit Length	205 mm	ISO 1923
Unit Width	65 mm	
Unit Thickness	32 mm	
Unit Wall Thickness	Approx 5mm	
Colour	Black	
Weight per unit	100 grams	ISO 845
Geotextile	None	
Interlocking System	Yes, both sides	
	2 x male connectors / 2 x female connectors	
Chemical Resistance	High resistance to water, most acids, bases and salt solutions	
Temperature Behaviour	UV and Frost Resistant	
Slope Stability	Up to 15% slope gradient (Ratio 1:6.67)	
MECHANICAL PROPERTIES		
Compressive Strength	310 tonnes per SQM (unfilled)	ISO 844
	*Up to 800 tonnes per SQM (gravel fill)	
	*indicative compressive strength subject to gravel type	



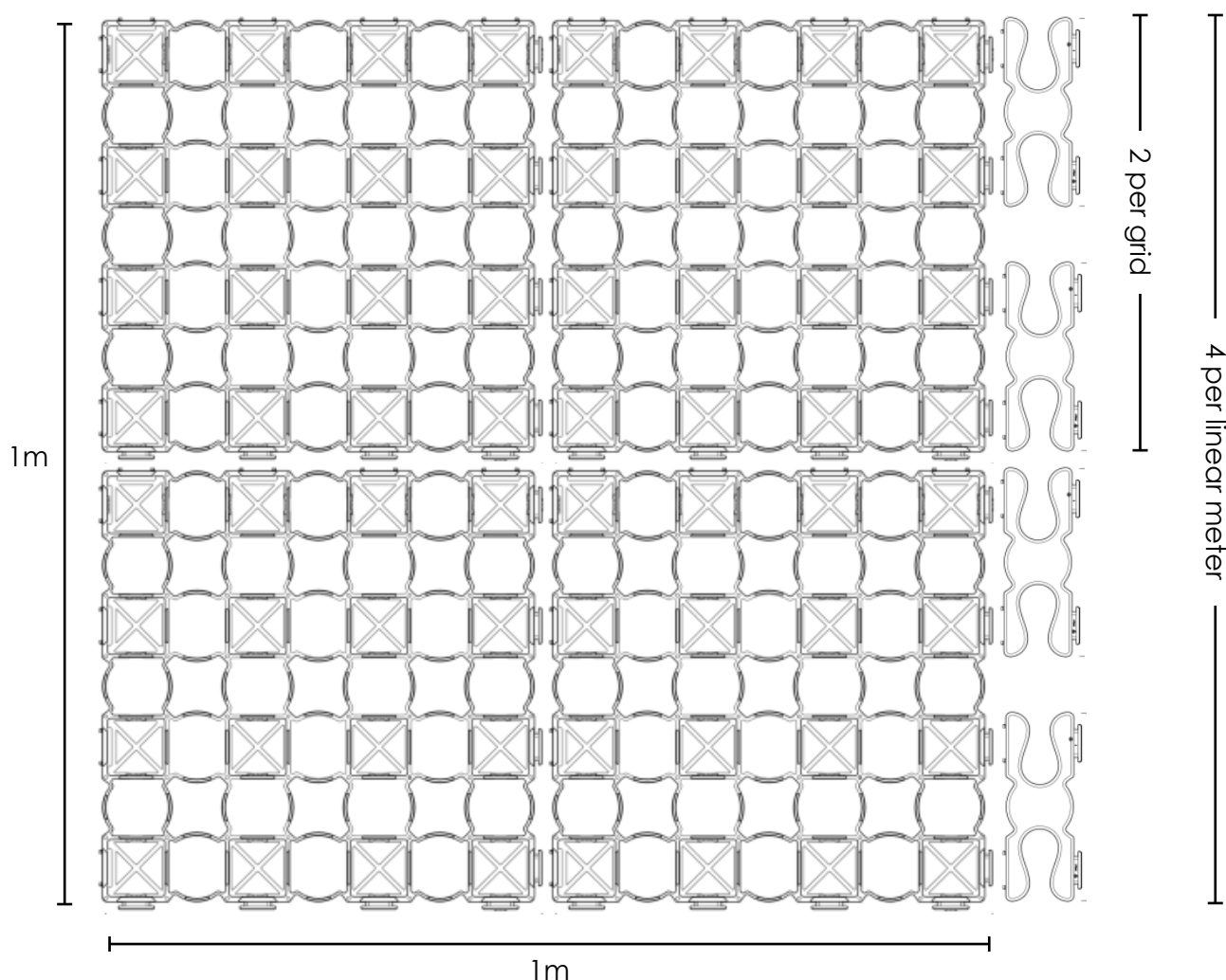


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EXPANSION GAP (PERIMETER EDGE)

Leave a 5cm expansion gap around the perimeter of the installation between the edgings and the NG040 grids to allow for any possible thermal movement of the grids during very hot weather.



EXPANSION JOINTS (BETWEEN GRIDS)

For larger installations with distances greater than 10m, install NG040 expansion joint units between the grids every 10m section to allow for any possible thermal movement during very hot weather. For large driveways and car parks there multiple expansion joints may be required.





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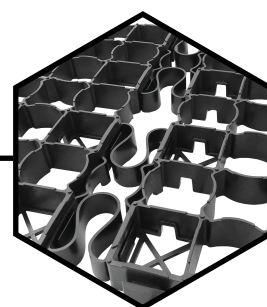
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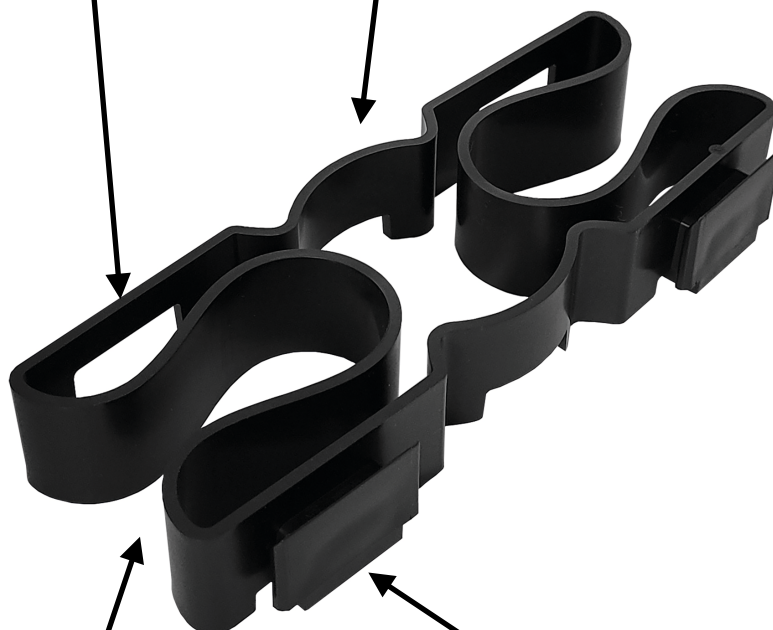
Expansion Joint Units



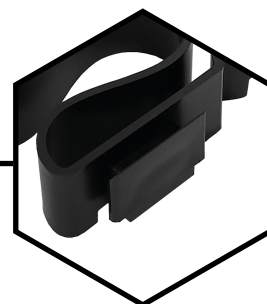
Female Connector



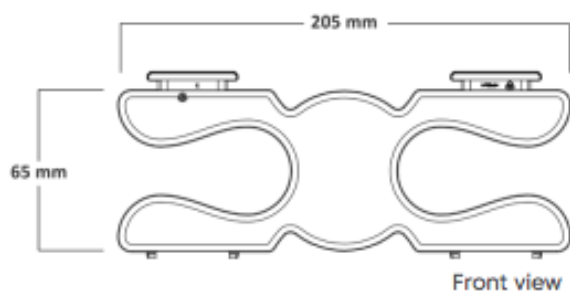
2 per Grid



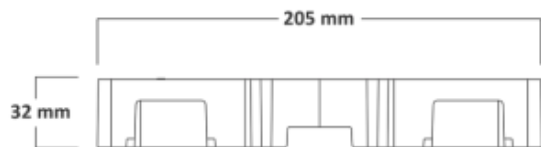
4 per Linear Meter



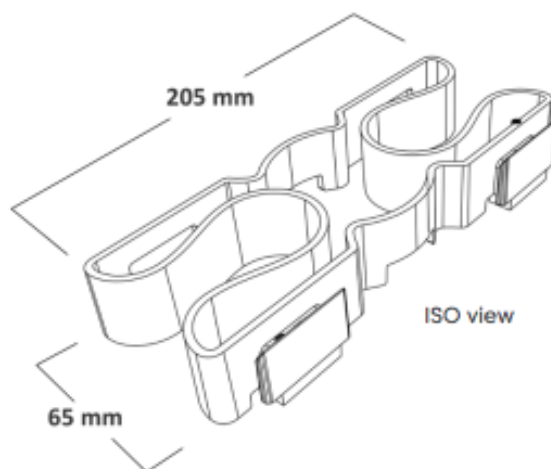
Male Connector



Front view



Side view



ISO view