

# KWIK-ZIP HD SERIES

## APPLICATION

A non-corroding, non-metallic heavy duty bow spring casing spacer for horizontal pipe-in-pipe (PIP) and open bore applications such as wastewater and sewer pipelines, slip lining and cased crossings.

Suitable for light to medium weight carrier pipe materials including steel, ductile, MSCL, GRE, PVC, and HDPE.

Will fit diameters from 110mm OD to greater than 1600mm OD by addition of multiple segments.

For heavy carrier pipe materials and diameters greater than 300mm in non-grouted, pressure installations the kwik-ZIP HDX or HDXT Series is recommended.

Suitable for vertical applications such as production wells, gravel packed well screens, pump torque arrestor, water well casing, coal seam methane casing, pump riser/submersible pump installation, and piling and is suitable for all pipe materials including PVC, Poly, Stainless Steel, Fibreglass and GRP.

## CONSTRUCTION & FEATURES

- Made from Kwik-ZIP's modified Acetal (POM) engineering thermoplastic blend with high flexural strength, high temperature resistance, low co-efficient of friction, abrasion resistance and outstanding chemical resistance.
- Integrated rubber grip pads under collars to prevent slippage. No requirement to pre-wrap pipe.
- Load sharing bow spring system allowing heavy loads to be shared across multiple bows reducing point loading and increasing the overall load capacity of the spacer.
- The flexible bows can deflect under force to pass minor obstructions in the borehole.
- Requires only a flat blade screwdriver for installation.



For more information, talk to us today

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# KWIK-ZIP HD SERIES

Product #	Model	Runner Height	Operating Temp (Deg °C)	Recommended for use on Pipe Diameter	Units per carton	Carton Dimensions (L x W x H)	Gross Carton Weight
1420026	HD 30	30mm	-20°C to 80°C	110mm & greater (consider the HDX or HDXT for pipe dia. greater than 300mm)	30	350mm x 330mm x 370mm	8.36 kg
1420031	HD 50	50mm	<b>in certain applications (temperatures above 50°C may require closer intervals)</b>		30	350mm x 330mm x 370mm	8.48 kg
1420032	HD 75	75mm			30	350mm x 330mm x 370mm	9.26 kg
1710120	HD 100	100mm			30	440mm x 330mm x 370mm	10.25 kg

## SIZE TABLE

* Carrier Pipe OD (mm)	Recommended # Segments
110	2
114	2
127	2
141	2
160	2
168	3
180	3
200	3
219	3
250	4
273	4
324	**5

Please refer to the relevant product series installation guide for additional information

\*\*For heavy weight or large diameter carrier pipes installed in the horizontal position, kwik-ZIP's heavier duty HDX or HDXT Series spacer models should be considered, especially if the pipeline annulus will not be grouted after installation.


For larger sizes please contact your Blick representative for assistance.

For pipe installed in the horizontal position, (e.g. Cased Crossings), it is recommended that the No. of bows be maximised to enable the highest load capacity per spacer.

### Use the following formula to calculate the No. of segments per spacer for such pipe:

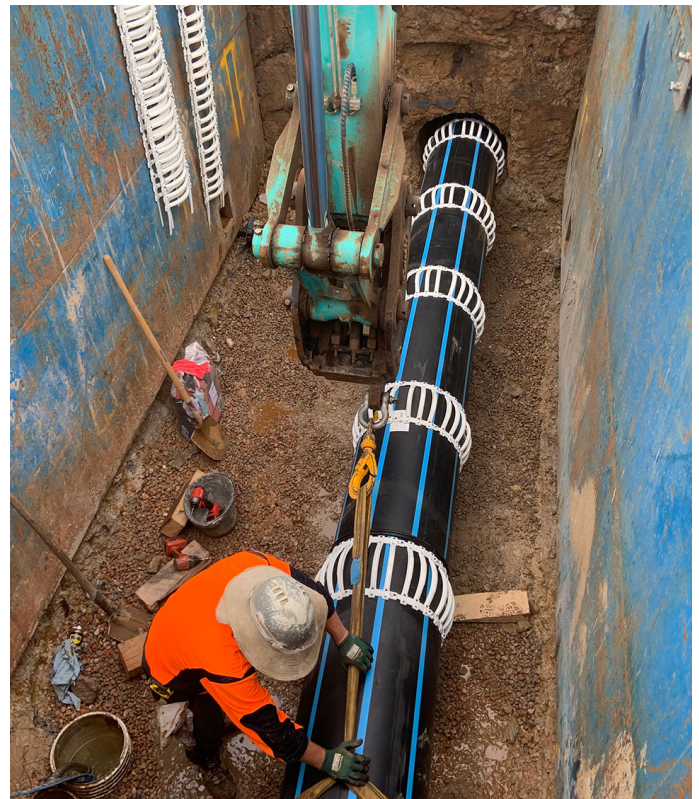
No. of Segments = [Pipe OD (mm) x 3.1428] ÷ 180.  
(Round the result down to nearest whole number).

Spacer intervals of 2m are generally suitable for light weight pipe up to 300mm.

 For specific advice on load, friction or wear capacities, please contact Blick to support with design at [sales@blick.group](mailto:sales@blick.group) or visit [www.blick.group](http://www.blick.group).

## COMPLIANCE

- Manufactured under a certified ISO 9001 Quality Management System.
- Compliant with AS/NZS 4020:2018 Products for use in contact with drinking water.
- Compliant with lead free requirements of Section 1417 of the US Safe Water Drinking Act
- Compliant with WSAA Product Specification #324 – Casing Spacers.
- Approved by MRWA and SEQ IPAM.



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