

KWIK-ZIP HDXT SERIES

APPLICATION

A non-corroding, non-metallic casing spacer for Pipe-in-Pipe (PIP) applications such as slip lining and cased crossings for all heavy weight pipe materials including steel, ductile, MSCL, GRE, PVC and HDPE. Suitable for all diameters from 300mm OD and beyond by addition of multiple segments.

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 suspension system allowing heavy loads to be shared across multiple runners reducing point loading and increasing the overall load capacity of the spacer.
- Minimizes spacer weight bearing capacity and reduces point loading via a unique load sharing runner system.
- Ability to combine different runner heights in the same spacer ring to assist in bore hole grade correction.
- Larger diameters are accommodated by joining additional segments.
- Requires only a flat blade screwdriver for installation.



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
1710329	HDXT 43	43mm	-20°C to 80°C (HDXT Hi Load Inserts should be used for service temperatures above 50°C)	300mm OD & greater	20	640mm x 360mm x 330mm	20.2 kg
1710330	HDXT 63	63mm			20	640mm x 360mm x 375mm	22.8 kg
1710331	HDXT 103	103mm			20	640mm x 360mm x 445mm	26.2 kg
1710206	HDXT 153	153mm			20	640mm x 360mm x 570mm	31.2 kg

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.

For more information, talk to us today

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SIZE TABLE

* Carrier Pipe OD (mm)	Recommended # Segments	Banding
300	3	
315	3	
355	3	
400	4	
450	4	
500	5	
560	5	
610	6	
660	6	
711	7	
762	7	
800	8	
826	8	
900	8	
914	8	
1000	9	
1067	10	Yes
1118	10	Yes
1219	11	Yes
1321	12	Yes
1400	13	Yes
1564	14	Yes
1600	15	Yes
1668	16	Yes
1800	17	Yes
1900	18	Yes
2000	19	Yes
2200	20	Yes
2500	23	Yes
3000	27	Yes

Contact Blick for carrier pipe diameters greater than 3000mm OD

* For PE Pipe refer to the nearest Carrier Pipe OD.

For pipe greater than 1000mm OD, or if the pipe material is slippery, it is recommended that 12mm stainless steel worm drive banding be considered for application over the collars.

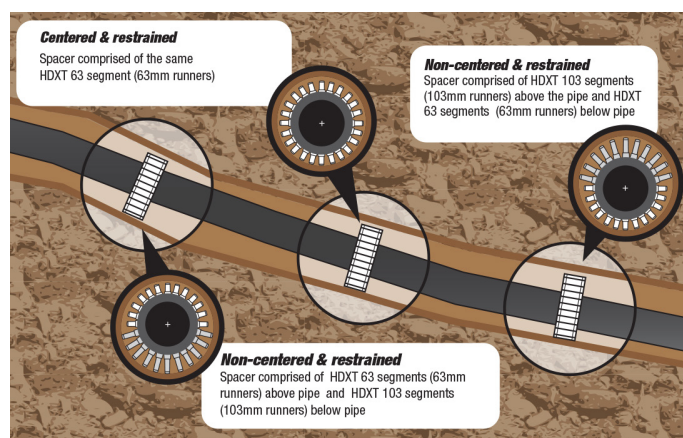
HDXT Spacers are generally suitable for heavy pipe run lengths up to 300m in good condition casings. Longer run lengths may be possible with casing lubrication, banding, and/or closer spacer intervals.

You can also use HDXT Load Inserts to boost the load capacity for heavy loads.

LOAD SHARING

Using a unique “load sharing runner” system, each HDXT segment maximises its weight bearing capacity by distributing the pipe load across multiple runners. This reduces point loading at any one location, boosting and optimising the overall support capacity of the spacer exponentially as pipe size increases. The “load sharing runner” system also delivers a suspension and dampening effect, reducing the transfer of potentially damaging vibration and movement from the outer casing to the carrier pipe. This may be beneficial in tectonically active regions or high traffic areas where ongoing external vibration affects the outer casing.

When used in accordance with the Installation Guide, HDXT Spacers will easily handle weights equivalent to a standard Ductile Iron Cement Lined (DICL) pipe full of fluid.



FRICITION AND WEAR CAPABILITIES

HDXT Spacers are fitted with wear pads made from kwik-ZIP's engineered thermoplastic blend to achieve superior abrasion resistance and a low coefficient of friction, especially under high load conditions.

These properties allow for greater run lengths and lower insertion forces during carrier pipe installation.



For specific advice on load, friction or wear capacities, please contact Blick to support with design at sales@blick.group or visit www.blick.group.

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