



The FIXBLOC doesn't give up,

... for use as a pull-out protection, for fixing
or to create a fixed point.



The FIXBLOC - for every situation a safe solution

Universally applicable on PE-HD pipelines of dimensions d 160 to d 1600 as a pull-in or pull-out protection, as a fixation or for the creation of a fixed point. The strength per fixed point is 40 kN.

Assembly instruction:



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The FIXBLOC can be used anywhere, where high axial thrust and tensile forces must be absorbed. For example, for pipe reconstructions, when creating fixed points and fixings.

Standard processing - easy and safe with tensioning belt

The FRIAFIT FIXBLOC can be fitted with a standard tensioning belt onto a PE pipe. If a higher force is required, then several FIXBLOCs can be applied to one pipe. The following requirements for the tension belt must be observed, belt width 50 mm, belt length approx. 3.5 x pipe diameter, or correspondingly longer for multiple applications.

Processing using the FIXBLOC FWFB clamping unit

With the FRIATOOLS clamping unit FIXBLOC FWFB, the FIXBLOC can also be clamped and fused from the pipe cutting edge. This is particularly helpful if the pipe circumference is not accessible, e.g. in the case of a PE-liner, which must be anchored against the concrete wall of a manhole.

The fusion

The compact design and exposed heating coils as well as large fusion zones ensure optimum heat transfer. Fusion is carried out with commercially available fusion units, e.g. with the FRIAMAT.



Strength per fixed point 40 kN, when using several FIXBLOCs on the pipe, higher forces can also be absorbed.

Use as a fixed point for overground pipe installations

A change in length is prevented by the rigid integration of the pipe section between the fixed points.



In pipe reconstruction

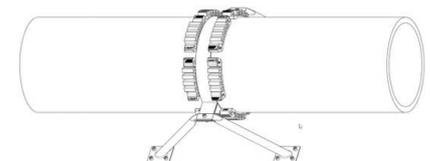
Assembly with FRIATOOLS clamping unit FIXBLOC FWFB on the pipe cutting edge or a commercially available tensioning belt.

Here, the FIXBLOC prevents the cooling effects from causing the retracted PE pipe or the PE liner into the old line.



Table: Guide values for the number of FIXBLOC due to temperature changes in freely laid pipes

d [mm]	d [inch]	Temperature difference [K]			
		SDR 11		SDR 17	
		10°	30°	10°	30°
160	6	2*	2*	2*	2*
180	6 1/2	2*	2*	2*	2*
200	7	2*	2*	2*	2*
225	8	2*	2*	2*	2*
250	9	2*	2	2*	2*
280	10	2*	2	2*	2
315	12	2*	3	2*	2
355	14	2*	3	2*	2
400	16	2*	4	2*	3
450	18	2	5	2*	3
500	20	2	6	2	4
630	22	3	9	2	6
710	26	4	12	3	8
800	28	5	15	4	10
900	31	6	18	4	12
1000	35	8	23	5	15
1100	40	9	27	6	18
1200	48	11	32	8	22
1400	56	15	44	10	29
1600	64	19	57	13	39



* Mathematically only one piece necessary. Two pieces are recommended for design reasons.

All values rounded. With a creep modulus= 630 N/mm²

Aliaxis Deutschland GmbH

Infrastructure

Steinzeugstrasse 50

68229 Mannheim

Tel +49 621 486-0

info.de@aliaxis.com

www.aliaxis.de/en

