

DataSheet

AlphaPipe

ConSpare

CONCRETE PRODUCTION EQUIPMENT

AlphaPipe is a cost effective solution to wear experienced inside pipe-work caused by the transfer of abrasive materials. AlphaPipe steel pipe sections are lined with highly abrasion resistant ExtraChrome alloy, welded onto internal surfaces to provide durable, long-life performance.

AlphaPipe is available in diameters from 80mm to 400mm, in lengths of up to 3000mm. The range includes straight sections or bends which can be supplied with plain ends for welding or flanged. ExtraChrome welded lining is a specialist alloy containing a high proportion of hard carbides. The lining is available in thicknesses of 2.5mm to 4.5mm enabling us to match existing pipe-work diameters to minimise material flow turbulence and wear.



Nominal Size (mm)	Basic Pipe	
	Ø Inside (mm)	Wall Thickness (mm)
80	82.50	4.0
90	95.00	4.0
100	108.00	4.0
125	133.00	4.5
150	152.40	5.0
175	177.80	5.6
200	203.00	6.3
250	254.00	7.1
300	305.00	8.0
350	355.60	8.8
400	406.40	11.0

Amouring is available in 2.5, 3, 3.5, 4 and 4.5 mm thick

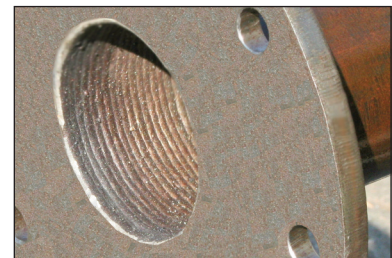
AlphaPipe is lighter than many traditional wear protection devices, such as “dead boxes,” resulting in safer, low-cost installation. Specially developed manufacturing techniques enable weld beads to be applied in a continuous spiral which avoids straight weld seams for a more circular cross section and to minimise shrinkage. We offer competitively priced solutions to wear problems, tailored to suit site requirements. Our engineering department have the flexibility to offer varying levels of wear protection according to budget and application.



Temperatures to 600°C.



Long radius bends



Up to 62 Rockwell hardness

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We reserve the right to modify or withdraw specifications or products without notice or obligation. All dimensions are indicative.