

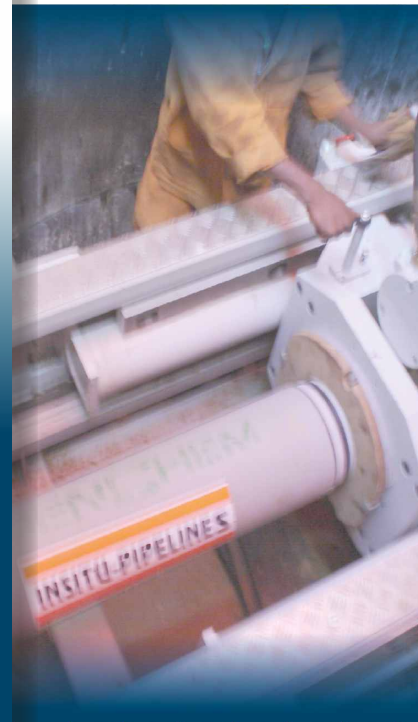
NAYLOR
THERMACHEM

Made in the UK

Excellent Construction Products

Denchem

Jacking pipe
for aggressive
environments



Part of the
Thermachem
range of products
for resistance
to aggressive
chemicals and
thermal shock

email: thermachem@naylor.co.uk

web: www.naylor.co.uk



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EXCELLENCE Awards
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Telephone:
+44 (0)1226 794056

Email:
**thermachem@
naylor.co.uk**

Denchem properties

Denchem is a jacking pipe designed for trenchless installation that is manufactured from a chemical and thermal shock resistant material and forms part of the Thermachem range of products. The pipes can be installed by trenchless installation techniques including auger boring and pipe bursting. The material is a highly advanced chemical stoneware manufactured from a ball clay and added minerals including silica and alumina which provide several benefits when used in aggressive environments including:

Excellent resistance to aggressive chemicals in the full pH scale - pH0 to pH14

Resistance to constant thermal shock of up to 120 degrees Celsius

High strength, allowing for use in heavily trafficked areas

Long design life, often in excess of 50 years

No loss of strength, form or resistance properties during the product life span



The use of chemical and thermal shock resistant jacking pipes opens up a world of possibility for the installation of drainage systems under existing buildings and infrastructure with minimum disruption to ongoing operations. This makes Denchem an ideal solution for retrofit applications where existing drainage materials have failed due to chemical attack or thermal shock.

The Denchem pipe system provides further added benefits to a traditionally installed system including:

Choice of EPDM or Nitrile seals in the joints

Joints able to handle 5 bar of pressure

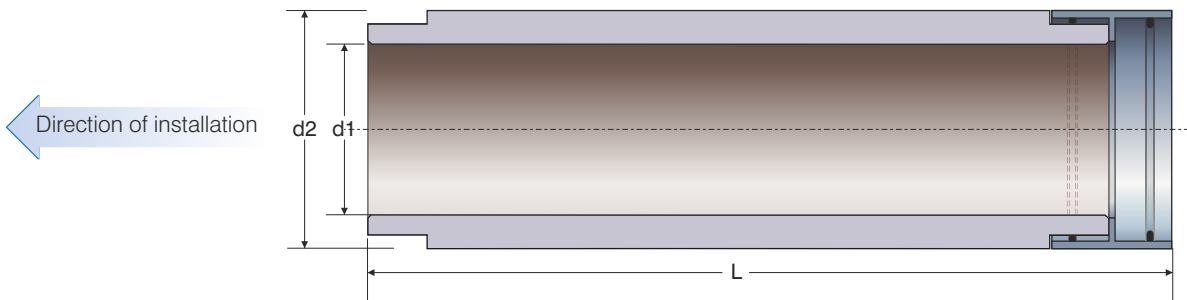
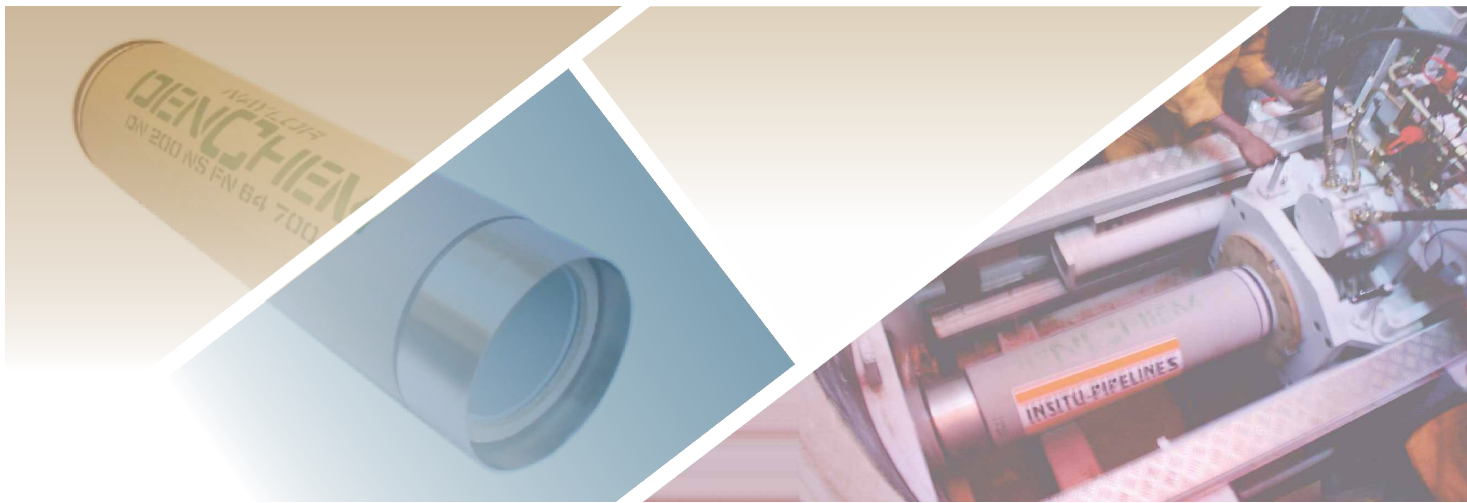
For more details on the chemical resistance of Denchem please contact Naylor directly or refer to the Naylor Thermachem brochure.



Naylor Denlok®

DenChem Range

DN200 to DN500



Nominal Size	Pipe Dimensions			Strength				Seal Rating	Weight kg/m
	ID	OD	L	Crushing Strength	Class Number	Jacking Strength	Jacking Strength		
	DN mm	DN mm	+/- 0.5 mm	kN/m FN		FJ kN	FJ MN		
200	?	?	?	?	?	?	?	?	?
225	?	?	?	?	?	?	?	?	?
250	?	?	?	?	?	?	?	?	?
300	300+/-5	380+/-5	1000	72	240	2275	2.27	5	85
375	375+/-5	455+/-5	1000	48	128	2680	2.6	5	140
400	400+/-5	482+/-5	1000	64	160	2990	2.9	5	160
450	450+/-5	585+/-5	1000	72	160	5020	5.02	5	200
500	500+/-5	610+/-5	1000	80	160	6165	6.16	5	235

Naylor Industries plc - more than 100 years production and supply to the Construction Industry

- **Clay Pipes** - for open trench and trenchless construction
- **Thermachem** - pipes and industrial ceramics for hot/aggressive environments
- **Band-Seal** - flexible pipe couplings
- **Plastic Pipes** - Twinwall ducting and drainage; land drainage
- **Gardenware** - The Yorkshire Flowerpot range of frostproof pots



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Excellent Construction Products

**NAYLOR DRAINAGE
LIMITED**

CLOUGH GREEN, CAWTHORNE
BARNSELY
SOUTH YORKSHIRE, S75 4AD
ENGLAND

TELEPHONE: 01226 794056
FACSIMILE: 01226 790531
EMAIL: THERMACHEM@NAYLOR.CO.UK
WEB: WWW.NAYLOR.CO.UK/CHEMICAL-AND-THERMAL/