

CORE LINEPIPE

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Head Office

910, 736- 8th Ave SW
Calgary, AB. T2P 1H4
Phone: (587) 333-6685

Production Plant

10 McCool Crescent
Crossfield, AB. T0M 0S0

CORELinepipe.com

Manufacturers of pre-lined and pre-coated steel pipelines.

WHAT WE DO

Supply a proprietary linerpipe system that eliminates internal corrosion, provides dual containment and has zero fugitive emissions.

- X52 steel linerpipe with factory installed PE4710 liner
- Internal liner joined using premium electrofusion couplings. >40,000 installed
- Proprietary mechanical joining system (ClickWeld™) to connect steel
- Integrated field services, project support and pipeline design

PRODUCT PERFORMANCE

- Liner is installed in a factory environment using tight tolerances and stringent QC programs
- CORE Liner is designed to eliminate manpower, equipment and human error. The process is consistent, repeatable and controlled
- CORE Linepipe uses premium materials customized to meet the requirements of service
- Consultation on design, engineering support (applications engineer), and a range of material options to meet demand
- Preventative leak detection is available in combination with dual containment
- 6.5 years of operating history with ZERO in service failures
- 25 year minimum design life, made in Canada

CORE EFFICIENCY AND COST CERTAINTY

- Eliminating logistical challenges of installation
- Reduced freight
- One hydrotest
- No pulling liner in ditch/bell holes
- Reduced workspace requirements
- Less vulnerable to weather delays
- Very few bid clarifications
- Reduced footprint and manpower



- No welding
- No separate liner crew
- No bell holes



- 7-10 (min) / joint
- 3000 - 3500 (ft) / day
- 4 person crew

BY DESIGN WE ARE DRIVING TO COST CERTAINTY.

***CORE Liner™**

***CORE Coat™**

***CORE ClickWeld™**

***CORE Service™**

For more information contact:

Aethan Sakell
VP of Business Development c:
403.589.3012
e: ASakell@corelinepipe.com

Dane Lee Broussard
Executive Director
c: 713.444.0797
e: DBroussard@corelinepipe.com

Shawn Tyner
Construction Superintendent/Field Sales
c: 970.623.1667
e: STyner@corelinepipe.com

Rusty Padgett
Technical Sales Representative
c: 970.210.0070
e: RPadgett@corelinepipe.com



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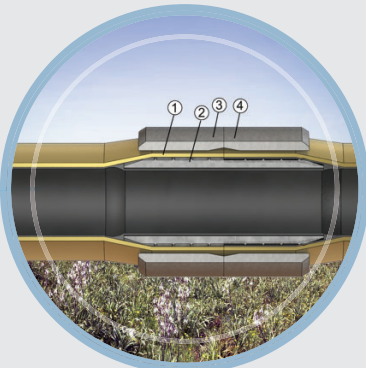


engineered marvels
that change everything

Eliminates traditional field
welding drastically reducing
pipeline costs.

Expect:

30%



Construction time is ½
of conventional slip liner,
reducing pipeline costs.

HALF
the time



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OIL



WATER



NATURAL GAS



MINING



APPLICATION ENVELOPE

PARAMETER	SPECIFICATION
Pressure	Up to 1500 ANSI/ 3500 psi/ 22,400 kPa
Temperature	140°F / 60°C (Oil Emulsion) 180°F / 80°C (Water Service)

Product Data is subject to change without notice. Patent Pending.

*Consult your CORE Linepipe representative for more information.

PRODUCT SPECIFICATIONS

PRODUCT	SPECIFICATION
Steel pipe	ERW, CSA Z245.1 GR. 359 CAT II / API 5L X52
Thermoplastic liner	Bi-modal HDPE 4710, API 15LE
External Coating	3-Layer FBE with Polyethylene
Pressure	Up to 22,400 kPa / 3,500 psi
Temperature	Up to 82°C / 180°F (Application dependent)
Flow Coefficient	Hazen & Williams 150 / Darcy Weisbach = 0.000005 ft or 0.0015mm / Manning 0.009

*Other material options are available by special order. (Non-Permeating Liner)

Product	NPS	Nominal steel outside diameter		Steel wall thickness		Liner inside diameter		Liner wall thickness		ClickWeld™ coupling outside diameter		Weight	
		mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	kg/m	lbs/ft
CL 440	4"	114.3	4.50	4.00	0.157	94.7	3.73	5.80	0.23	152.0	5.98	13.0	9.0
CL 648	6"	168.3	6.63	4.80	0.189	146.0	5.75	6.30	0.25	210.0	8.25	24.0	16.0
CL 671	6"	168.3	6.63	7.10	0.280	141.0	5.58	6.10	0.24	220.0	8.66	34.0	23.0
CL 856	8"	219.1	8.63	5.60	0.220	191.0	7.52	8.30	0.33	273.0	10.75	38.0	25.0

*Other material options are available by special order.



We are one part engineering excellence and one part passion. Using this formula, nature and history are full of solutions that have changed everything.



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