

Mechanically Lined Pipe (MLP)

Mechanically Lined Pipes (MLPs) combine the benefits of a corrosion-resistant CRA liner with the strength and toughness of the steel backing pipe, resulting in a product that excels in performance, longevity, and cost-efficiency.



In Accordance with
API 5LD | API 5LC | API Q1



Designed for Offshore Applications
DNV ST-F101

Key Advantages



Enhanced Performance & Longevity

Benefit from CRA superior corrosion resistance, ensuring extended service life and reduced maintenance



Cost-Effective Solution

Reduce both CAPEX and OPEX with MLP, offering a cost-efficient solution that maximises long-term return on investment



Rapid Installation

Optimised pipe end preparation and fit-up enable faster installation, ensuring seamless offshore deployment



Applicable in Harsh Conditions

Engineered for wet CO₂ and harsh oil & gas environments, delivering superior corrosion resistance and durability



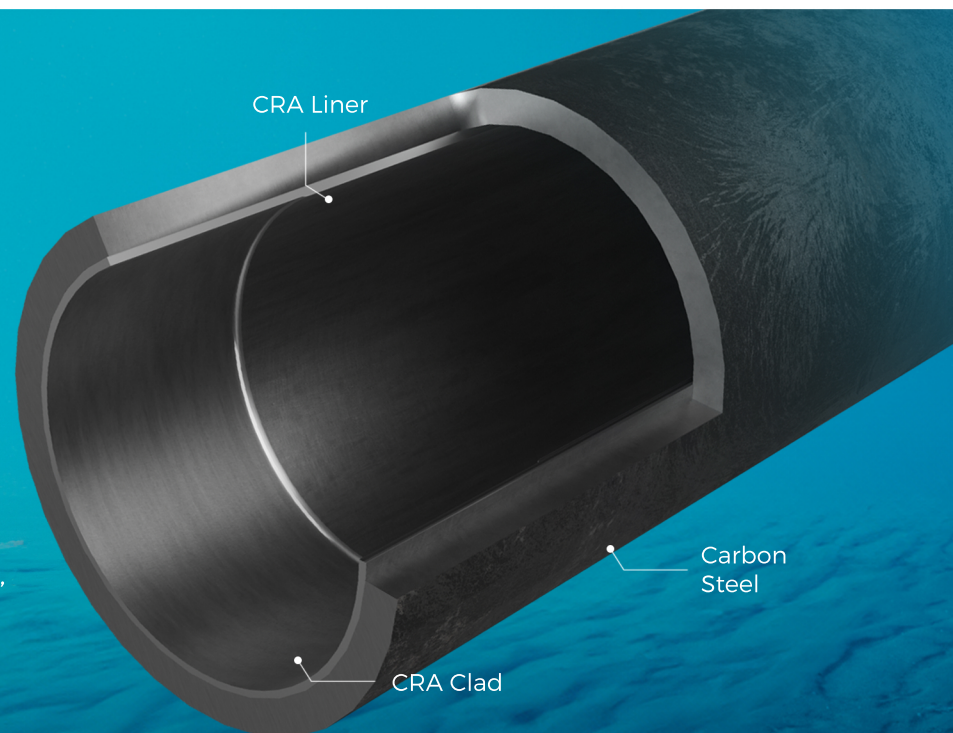
Size
4" - 36"



CRA Material
316L, 317LMN, 6 Mo, 904L, Duplex, Alloy 825, Alloy 625



Carbon Steel
API 5LB, HYCS, LTCS in SMLS, ERW, HFW/HFI, LSAW



**Linepipe manufactured in accordance to API5L/ISO3183 or DNV ST F101 with no restrictions*

Achievements

2004

Cladtek has pioneered the world's first MLP with Weld Overlay Ends, now established as a standard specification required by operators globally



2011

Cladtek's first 22" diameter MLP, marking the largest it manufactured

2017

Cladtek's first 24" MLP, now the largest diameter currently in service

2019

Cladtek's first ultra-deep water full MLP riser, reaching depths of 2,300 meters

2024



2005

Cladtek's smallest MLP, manufactured with a 4" diameter



2016

First duplex MLP manufactured

2018

Cladtek's MLP qualified to DNV Fatigue Curve C by TWI



2022

Largest Weld Overlay manufactured, featuring a 72" elbow



Applications

Mechanically Lined Pipes (MLPs) are versatile solutions used on onshore, offshore, and subsea operations in both oil and gas and renewable energy sectors. MLPs provide essential corrosion resistance in harsh environments, ensuring the integrity and longevity of pipelines. Potential applications for MLPs include:

Pipelines

Dynamic & Static Risers

Hydrogen Transport & Storage

Geothermal

CO Transport & Storage

