

DuPont™ Pipelon®

A UNIQUE LINE OF ENGINEERING RESINS
& TECHNOLOGIES FOR THE OIL & GAS INDUSTRY

DuPont™ Pipelon® is a family of DuPont engineering polymer resins and world class technology designed to serve the demanding field of polymeric pipe solutions for the oil and gas industry. The product and technology addresses today's market for improved permeation resistance, higher temperature, higher pressure, lighter weight and lower life cycle cost pipe.

Pipelon® 401 - Properties that make it well suited for demanding applications in the oil and gas market:

Chemical resistance	Highly resistant to hydrocarbons, H ₂ S and down hole chemicals
Service temperatures	-40°C - +115°C
Permeation resistance	Low permeation to gases such as methanol, CO ₂ , H ₂ and Hydrocarbons
Mechanical reliability	High impact, fatigue, creep and stress crack resistance. High strength/pressure tolerance, suitable for cold weather installation and handling
Durability	Excellent corrosion, erosion and abrasion resistance, and long term material stability
Potential Applications	Pipelon® resins are very versatile and can be used in a number of applications: <ul style="list-style-type: none">▪ Down hole for siphon (velocity) and heater strings, CO₂/chemical injection and production tube liners. Liners in steel pipe▪ Surface tubulars for gathering and disposal lines▪ Process tubulars for hydrocarbon processing, including steam▪ Composite pipes made of DuPont™ Kevlar® designed for high pressures, yet non-corrosive, lightweight and lower installed cost.

Proven Technology: Pipelon® 401 is currently used in offshore pipe around the world, to provide cost effective solutions to highly demanding operating conditions.

Connections/Joining: Pipelon® 401 has several options for connections, including fusion welds, and standard mechanical fittings.

For more information visit:

www.oilandgas.dupont.com



The miracles of science™

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