

OILTECH™

MULTI-LAYER PIPING SYSTEM



OILTECH Y100

Comparison Sheet

	OILTECH Y100	STEEL	FIBERGLASS	HDPE	Composites
Spoolable	YES	NO	NO	YES	Some
Pressure Rating (Psi)	300	500	450	200	750
Joints	Butt fusion/ Electro fusion	Welded/ Threaded/ Grooved	Glued/ Threaded	Electro-fusion/ Butt fusion	Crimped
Installation Speed FEET/SHIFT (2 installers)	16,000	750	2,500	16,000	2000 NB:It takes more installers
Installation Equipment	Spool Trailer/ Pickup	Pipe Trailer/ Pickup/ Forklift	Pipe Trailer/ Pickup Truck	Spool Trailer/ Pickup	Pipe Trailer/ Boom Truck/ Reel Truck
Installation Tools & Devices	Processor (*)	Hand Tools/ Welding Truck	Hand Tools	Butt-fusion Equipment	Hydraulic Unit/ Hand Tools
Repair Equipment	Processor	Hand Tools/ Welding Truck	Beveling Machine	Butt-fusion Equipment	Hydraulic Unit/ Hand Tools
Installation Traceability	YES	NO	NO	NO	NO
Installation Above Ground	YES	YES	NO	YES	YES
GPS Location	YES	NO	NO	NO	NO
Installation Under Ground	YES	YES	YES	YES	YES



Best



Average



Poor

(*) Free w/ min \$ 1,500.000 Purchase

PIPING AT ITS BEST

Comparison Sheet



Comparison	OILTECH Y100	STEEL	FIBERGLASS	HDPE	Composites
Hydrocarbon Permeability	NO	YES	YES	YES	YES
H ² S permeable	NO	YES	YES	YES	YES
Corrosion	NO	YES	NO	NO	YES
Maintenance Cost	Low	High	Low	Low	High
Cost, \$/ft*	4.6	8.2	4.4	2.4	9.5
Installation Temperature Range (F°)	-10 to 130	No limits	27 to 110	15 to 115	32 to 130
Expected lifetime (years)	50	10	30	30	30
Recommended Max Operating Temp. (F°)	140	>180	180	120	140
Warranty Period (years)	30	N/A	1 After date of 1st production	1	1
Fire Resistant	NO	YES	NO	NO	NO
Friction Coefficient (Hazen Williams)	150	120	150	150	150
Electrostatic Ignition Hazard	Very Low	Very High	Medium	Medium	Medium

Best
 Average
 Poor

* = 3" pipe

(*) Free w/ min \$ 1,500.000 Purchase



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