

16-inch Layflat Hose

Benefits of Water Transfer Using 16-inch Diameter Layflat Hose

A smarter way to transfer water over distance can be the use of **16-inch layflat hose** instead of 12-inch systems. 16-inch systems reduce head pressure and save on fuel consumption and, in some instances, can eliminate the need for two 12-inch pipelines. Contact us to learn more.

Benefits of 16-inch layflat system in comparison to 12-inch layflat system

- Eliminates the need for booster stations
- Reduced head conditions result in the pump operating at a lower rpm, leading to a significant reduction in fuel consumption
- Decrease in both operating and maximum pressure throughout the line
- Eliminates requirement to run dual 12-inch pipelines
- Optimizes pipeline routing and right-of-way costs

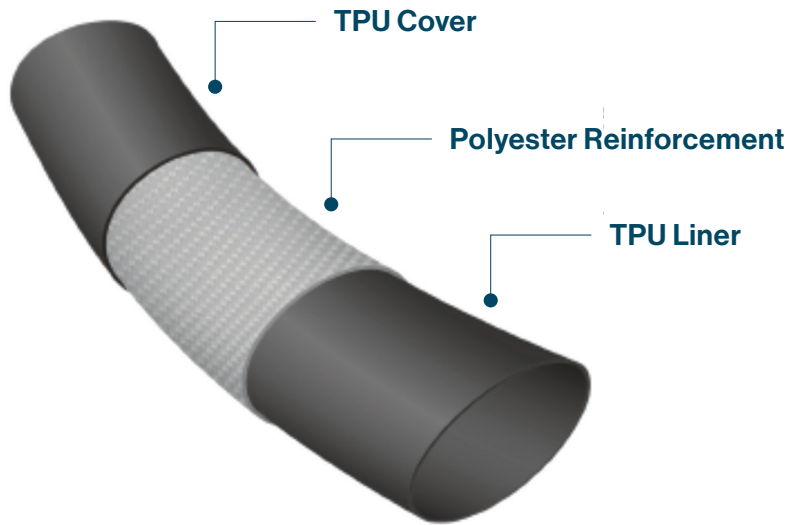
Applications

- **Oil and Gas:** High-volume transfer of water
- **Industrial Dewatering**
- **Municipal:** Sewer Bypass

16-inch layflat hose features

- Rapid deployment and retrieval
- Dimensional Stability: Designed for low elongation rate and return to nominal diameter
- Working temperature range: from -58° F to 176° F (-50° C to 80° C)
- API Certified
- 200 psi operating pressure





TECHNICAL DATA

Nominal Size		Working Pressure		Burst Pressure		Weight		Wall Thickness		Tensile Strength	
Inch	mm	Psi	Mpa	Psi	Mpa	Lbs/ft	kg/m	Inch	mm	Lbs	kg
4	102+2.0	200	1.4	600	4.2	.81	1.2	.12	3.1	36955.6	16798.0
6	154+2.0	200	1.4	600	4.2	1.68	2.5	.14	3.50	4988.7	22673.0
		250	1.7	750	5.1	1.88	2.79	.17	4.30	77116.6	35053.0
8	204+3.0	150	1.0	450	3.0	2.02	3.01	.15	3.80	68728.0	31240.0
		200	1.4	600	4.2	2.17	3.23	.17	4.20	84282.0	38310.0
10	254+3.0	200	1.4	600	4.2	2.55	3.80	.17	4.20	115332.8	52424.0
		250	1.7	750	5.1	3.02	4.50	.20	5.00	120285.0	54675.0
12	305+3.0	150	1.0	450	3.0	3.15	4.70	.17	4.20	136147.0	61885.0
		200	1.4	600	4.2	3.63	5.40	.19	4.90	148944.4	67702.0
14	358+5.0	150	1.0	450	3.0	4.18	6.20	.19	4.90	176312.4	80142.0
		200	1.4	600	4.2	4.37	6.50	.21	5.40	192493.4	87497.0
16	408+5.0	150	1.0	450	1.0	5.04	7.5	.20	5.00	224950.0	102250.0
		200	1.4	600	4.2	6.38	9.50	.23	5.80	286000.0	130000.0



KeystoneClear.com

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