

Nylon-lined Composite Pipes

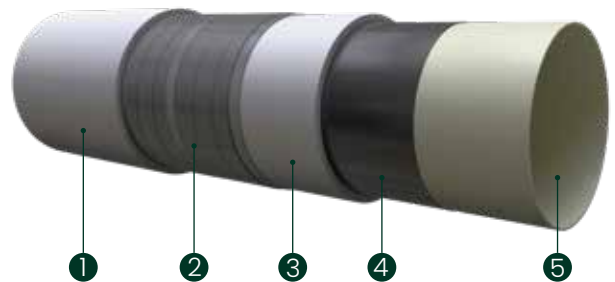
Engineered for high pressures & temperatures

Nylon-Lined Composite pipes resist corrosion while the inner nylon liner resists chemical permeation and paraffin wax buildup, making it a great choice for hydrocarbon transport & industrial applications.

High temperatures? No problem


Both the Nylon-lined and PPS-lined options are available in a raised temperature (RT) variant. PE-RT material combined with a liner expands the temperature operating range up to 180°F.

Five layers of reinforcement



1. Abrasion-resistant HDPE outer jacket
2. Reinforcement layer
3. Center layer for high-temperature strength
4. Tybond layer
5. Nylon Liner

Product	Size	Operational Temperature	Max. Pressure (psi)	Outside Diameter (in)	Inside Diameter (in)	Min. Bend Radius (ft)	Reel Size (ft)	Max. Loaded Reel Weight (lbs)	Length per Reel (ft)
HDPE - Lined Composite Pipes	4 in	150 F/180 F	750	4.71	3.83	3.8	12.0	10,277	2110
			1500	4.90	3.83	3.9	12.0	11,494	1910
			2250	5.18	3.83	4.2	12.0	12,848	1610
	6 in	150 F/180 F	750	6.87	5.60	5.5	14.5	11,645	1110
			1500	7.20	5.60	5.8	14.5	13,332	990
			2250	7.57	5.60	6.1	14.5	14,771	860
	8 in	150 F/180 F	750	9.31	7.63	6.4	16.3	11,253	430
			1500	9.74	7.63	6.7	16.3	12,475	390
			2250	10.26	7.63	7.0	16.3	13,756	360
Nylon - Lined Composite Pipes	4 in	150 F/180 F	750	4.71	3.83	3.8	12.0	10,375	2110
			1500	4.90	3.83	3.9	12.0	11,583	1910
			2250	5.18	3.83	4.2	12.0	12,722	1610
	6 in	150 F/180 F	750	6.87	5.60	5.5	14.5	11,718	1110
			1500	7.20	5.60	5.8	14.5	13,397	990
			2250	7.57	5.60	6.1	14.5	14,828	860
	8 in	150 F/180 F	750	9.31	7.63	6.4	16.3	11,309	430
			1500	9.74	7.63	6.7	16.3	12,526	390
			2250	10.26	7.63	7.0	16.3	13,802	360
PPS - Lined Composite Pipes	4 in	150 F/180 F	750	4.71	3.83	3.8	12.0	10,447	2110
			1500	4.90	3.83	3.9	12.0	11,699	1910
			2250	5.18	3.83	4.2	12.0	12,820	1610
	6 in	150 F/180 F	750	6.87	5.60	5.5	14.5	11,818	1110
			1500	7.20	5.60	5.8	14.5	13,486	990
			2250	7.57	5.60	6.1	14.5	14,905	860
	8 in	150 F/180 F	750	9.31	7.63	6.4	16.3	11,389	430
			1500	9.74	7.63	6.7	16.3	12,600	390
			2250	10.26	7.63	7.0	16.3	13,868	360



Baker Hughes couplings and fittings

- No welding required or makeup needed for flanges or thread joints
- Coupling options include NPT or BSPT threads, weld end, and API 6A/ASME B16.5 flange—all can mate with standard or custom pipe sizes
- Termination fittings connect to common oilfield infrastructure
- Available in carbon steel, 316 stainless steel, 2205 duplex stainless steel, or polyphenylene sulfide (PPS) coated

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