



PPS-lined Composite Pipes

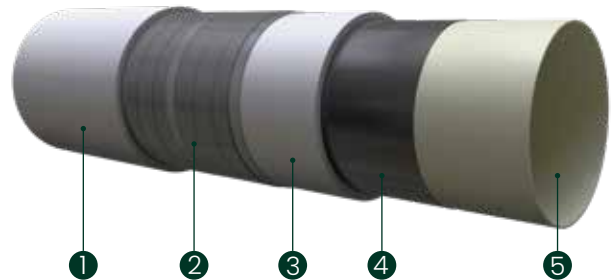
Engineered for extremely corrosive environments

PPS-Lined Composite Pipes stand up to harsh conditions. The inner polyphenylene sulfide (PPS) liner resists high levels of chemicals like H₂S and CO₂. This inner liner also protects against harmful bacteria.

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. PPS 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

bakerhughes.com

Copyright 2021 Baker Hughes Company. All rights reserved. The information contained in this document is company confidential and proprietary property of Baker Hughes and its affiliates. It is to be used only for the benefit of Baker Hughes and may not be distributed, transmitted, reproduced, altered, or used for any purpose without the express written consent of Baker Hughes.

Baker Hughes reserves the right to make changes in specifications and features shown herein, or discontinue the product described at any time without notice or obligation. Contact your Baker Hughes representative for the most current information. The Baker Hughes logo is a trademark of Baker Hughes.

112019

