



Linear Low-Density Polyethylene Black (8MIL) Polywrap Pipe Sleeves

PSPW8BLK

Application

Barrier encasement of pipe to prevent corrosion in varying soil conditions.

Product Features

- **Raw Material:** Linear Low-Density Polyethylene
- **Group:** 2 (linear)
- **Finished Material:** Linear Low-Density Polyethylene Film
- **Maximum Temperature:** 180° F / 82° C
- **Color:** Black (minimum 2% carbon black additive)
- **Country of Origin:** United States of America
- **Compliances:** AIS, Buy American, BABA Act (Build America, Buy America Act), FTA 49 U.S.C. 2532(J); 49 C.F.R. Part 661
- **Markings:** Material printed with AWWA Spec No., Pipe Diameter, Year of Manufacturing, Manufacturing Mark, Warning of Corrosion Protection/Repair Damage
- **Standard:** ANSI/AWWA C105/A21.5 & ASTM D4976

Specifications

Test	AWWA C105 Min. Req.	AA Thread's Film
Tensile Strength	3600psi MD/TD (ASTM D882)	MD-4495psi, TD-4410psi
Elongation	800% minimum MD/TD (ASTM D882)	MD-1073%, TD-1126%
Dielectric Strength	800 V/MIL (ASTM D149)	1946V/MIL
Impact Resistance	600 grams (ASTM D1709)	1189 grams
Propagation Tear Resistance	2550 grams force MD/TD (ASTM D1922)	MD-4462 grams force, TD-5539 grams force
Minimum Thickness	0.008" (8MIL)	0.0085" (8.5 MIL)

*Tests are averages performed by independent lab results.

Minimum Lay Flat Tube Widths for Ductile Iron Pipe by Pipe Diameter

Nominal Pipe Size (in.)	Lay Flat Tube Width (in.)	Nominal Pipe Size (in.)	Lay Flat Tube Width (in.)
3-8	20	20	41
10	24	24	54
12	27	30	67
14	30	36-42	81
16	34	48	95
18	37	54-60	108



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Sizes Available

Item#	Description
PSPW8BLK20300C	20" x 300' 8MIL BLK POLYWRAP 3-8 DIP
PSPW8BLK2030020	20" x 300' 8MIL BLK POLYWRAP 3-8 DIP 20 PERF
PSPW8BLK2030822	20" x 308' 8MIL BLK POLYWRAP 3-8 DIP 22 PERF
PSPW8BLK27300C	27" x 300' 8MIL BLK POLYWRAP 10-12 DIP
PSPW8BLK2730020	27" x 300' 8MIL BLK POLYWRAP 10-12 DIP 20 PERF
PSPW8BLK2730822	27" x 308' 8MIL BLK POLYWRAP 10-12 DIP 22 PERF
PSPW8BLK37200C	37" x 200' 8MIL BLK POLYWRAP 14-18 DIP
PSPW8BLK3720020	37" x 200' 8MIL BLK POLYWRAP 14-18 DIP 20 PERF
PSPW8BLK3722022	37" x 220' 8MIL BLK POLYWRAP 14-18 DIP 22 PERF
PSPW8BLK54300C	54" x 300' 8MIL BLK POLYWRAP 20-24 DIP
PSPW8BLK5420020	54" x 200' 8MIL BLK POLYWRAP 20-24 DIP 20 PERF
PSPW8BLK5422022	54" x 220' 8MIL BLK POLYWRAP 20-24 DIP 22 PERF
PSPW8BLK67150C	67" x 154' 8MIL BLK POLYWRAP 30" DIP
PSPW8BLK6715422	67" x 154' 8MIL BLK POLYWRAP 30" DIP 22 PERF
PSPW8BLK81110C	81" x 110' 8MIL BLK POLYWRAP 36-42 DIP