

V-BIO[®] Enhanced Polyethylene Film



Consists of three layers of co-extruded linear low-density polyethylene (LLDPE) film.

“ V-Bio Enhanced Polyethylene Encasement and Corrosion Control ”

Features an inside surface made with a proprietary blend of anti-microbial additive to mitigate microbiologically influenced corrosion (MIC) and a volatile corrosion inhibitor (VCI) to control galvanic corrosion.

STANDARDS

V-BIO[®] Enhanced Polwrap meets or exceeds these standards for polyethylene encasement film.

- ANSI/AWWA C105/A21.5
- ASTM A674
- ISO 8180

TECHNICAL DATA SHEET

PROPERTIES		UNITS	TEST METHODS	TYPICAL VALUES	TOLERANCES
Material					
Width		in.	BPP-23	20" to 121"	+/- 0.50
Length		in.	BPP-23	**	+/- 0.50
Gauge (average)		mil	ASTM D 2103	9.00 (8.0Mil Minimum)	+/- 8%
Color				***	
Print				Yes	
Coefficient of Friction			ASTM D 1894	0.20 (Medium to High)	+/- 0.15
Tensile Strength	MD	PSI	ASTM D 882	4800	Min 3600
	TD			4900	Min 3600
Tensile Elongation	MD	%	ASTM D 882	980	Min 800
	TD			1200	Min 800
Dart Impact		Grams	ASTM D 1709	860	Min 600
Propagation Tear Resistance	MD	(G.F)	ASTM D 1922	2700	Min 2550
	TD			3300	Min 2550
Dielectric Strength		V/MIL	ASTM D 149	1900	Min 800

*ESTIMATION

Properties listed above are typical values as measured by Balcan Plastics. The determination of suitability and fitness for use is the sole responsibility of the buyer and user. Balcan Plastics and First Film Extruding make no representation or warranty of any kind, express or implied, with respect to this product, whether as to merchantability, fitness for particular purpose or otherwise.

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Size Range:

ITEM NUMBER	DI PIPE SIZE	DESCRIPTION
47-FFVBIO20	4-8"	20" X 500' V-BIO 9 MIL WHITE
47-FFVBIO27	10-12"	27" X 380' V-BIO 9 MIL WHITE
47-FFVBIO34	16"	34" X 300' V-BIO 9 MIL WHITE
47-FFVBIO41	18-20"	41" X 260' V-BIO 9 MIL WHITE
47-FFVBIO54	24"	54" X 210' V-BIO 9 MIL WHITE
47-FFVBIO67	30"	67" X 150' V-BIO 9 MIL WHITE
47-FFVBIO81	36-42"	81" X 140' V-BIO 9 MIL WHITE
47-FFVBIO95	48"	95" X 120' V-BIO 9 MIL WHITE



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