

JUL 18 1987

PORT OF BREMERTON

MIRAFAI 160N

PRODUCT DESCRIPTION

Mirafai 160N is a nonwoven fabric composed of polypropylene filaments which are formed into a stable network such that the filaments retain their relative position. The fabric is inert to biological degradation and naturally encountered chemicals, alkalies, and acids. Mirafai 160N conforms to the typical property values listed in the following table.

<u>FABRIC PROPERTY</u>	<u>UNIT</u>	<u>TEST METHOD</u>	<u>TYPICAL VALUE</u> ⁵
Weight	oz/sy	ASTM D-3776-79	6.0
Grab Tensile Strength	lb	ASTM D-4632-86	175
Grab Tensile Elongation	%	ASTM D-4632-86	50
Trapezoid Tear Strength	lb	ASTM D-4533-85	60
Burst Strength	psi	ASTM D-3786-80a ¹	375
Puncture Resistance	lb	ASTM D-3787-80 ²	95
Equivalent Opening Size	U.S. Standard Sieve	COE CW02215-77 ³	80-170
Permeability, k	cm/sec	ASTM D-4491-85 ⁴	0.4
Water Flow Rate,	gpm/sf	ASTM D-4491-85 ⁴	125

¹Diaphragm Bursting Tester.

²Tension Testing Machine with ring clamp; steel ball replaced with a 5/16-inch diameter solid steel cylinder centered within the ring clamp.

³Corps of Engineers test procedure.

⁴5cm Constant Head Method.

⁵The values listed are typical values. Contact the Mirafai Technical Department for minimum certifiable values.

William A. Woodcock
Technical Representative

CONSTRUCTION MATERIALS CO. INC.
P.O. Box 2258, Redmond, WA 98073-2258
(206) 881-8806

4/87

REVISIONS TO CONTRACT DOCUMENTS
MAY 1987
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NO.	DATE	DESCRIPTION
1	5/1/87	ADD TO SECTION 01100-100-01
2	5/1/87	ADD TO SECTION 01100-100-01
3	5/1/87	ADD TO SECTION 01100-100-01
4	5/1/87	ADD TO SECTION 01100-100-01
5	5/1/87	ADD TO SECTION 01100-100-01
6	5/1/87	ADD TO SECTION 01100-100-01
7	5/1/87	ADD TO SECTION 01100-100-01
8	5/1/87	ADD TO SECTION 01100-100-01
9	5/1/87	ADD TO SECTION 01100-100-01
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This submittal has been reviewed for compliance with general requirements of design and arrangement only, and is not a contract document and acknowledgment of compliance does not relieve Contractor of responsibility for performance of the work in compliance with all provisions and requirements of the Contract documents. Job measurements and coordination of all dimensions are owner fit of all parts of the work and performance of all dimensions subject to most specification requirements and retain specific responsibilities of the Contractor.

Compliance acknowledged subject to the foregoing; distribute

Compliance acknowledged as noted and subject to the foregoing; distribute

Compliance acknowledged as noted and subject to the foregoing; Revise and resubmit for record; distribute.

Bovay Northwest Inc.

By LPS Date 7-9-87