



VIEW AT CENTER SUPPORT

CENTER VESSEL ON 2 OR 3 SUPPORTS
AT SPAN(S) 'S', 3 SUPPORTS REQUIRED
FOR VESSELS OF 4 ELEMENTS OR MORE

CAUTION - INCORRECT MANIFOLDING
WILL CAUSE SEVERE LOCAL STRESS
AROUND PORT AND MAY RESULT IN
LEAKS AND PREMATURE FAILURE;
TAKE EVERY PRECAUTION POSSIBLE

NOTES

- SHELL EXTERIOR COATED WITH WHITE, HIGH-GLOSS POLYURETHANE PAINT
- DIMENSION IN INCHES
- NOT TO BE USED FOR CONSTRUCTION UNLESS CERTIFIED

DESIGN PRESSURE 1000 PSI at 120°F
(6.9 MPa at 49°C)

MIN. OPERATING TEMP 20°F
(-7°C)

FACTORY TEST PRESSURE 1500 PSI
(10.3 MPa)

PART NUMBER	NUMBER OF 40" ELEMENTS	O.A.L. IN	P Port to Port IN	S Span IN
141	1	62.0	45.0	30X1
142	2	102.0	85.0	58X1
143	3	142.0	125.0	82X1
144	4	182.0	165.0	66X2
145	5	222.0	205.0	80X2
146	6	262.0	245.0	94X2
147	7	302.0	285.0	108X2

<p>A & M COMPOSITES CORPORATION</p> <p>Quality FILAMENT WOUND COMPOSITE Products</p> <p>Phone (915)267-6525</p>		TOLERANCES (EXCEPT AS NOTED)		RO PRESSURE VESSEL	
		DECIMAL			
		1		N/A	WC
		FRACTIONAL	TITLE		
		1	8" - 1000 psi. Side Port		
		ANGULAR	DATE	DRAWING NUMBER	
		1	02-12-01	8-1000PSI-SP	