

Uniting Innovation, Engineering, Manufacturing, and Distribution

PowerSeal Solutions™ is pleased to announce our new line of Marman Seals that offer exceptional reliability and STOP LEAKS.

Our B-SureSeal™ Marman Seals are injection molded without any fillers, offering a pure and high-precision fit with true reliability. Made with new FKM and Viton® compounds, these seals have exceptional chemical resistance and improved performance over the competition.

Per ASTM D412-16 and D2240-15 testing, the PowerSeal B-SureSeal™ Marman Seals have greater tensile strength, superior elongation characteristics, and half of the compression set when compared to other seals on the market.

This independent laboratory testing has shown the PowerSeal B-SureSeal™ Marman Seals to have improved physical properties, which directly translates into improved performance.

- Made with pure FKM and Viton® A-type Family material - NO fillers
- Injection molded for pure and high-precision fit with true reliability
- Superior performance through operating temperatures from -20°F to +400°F
- Resistance to oil, fuel, and additives
- Remains flexible in service and won't "set" like standard seals

PowerRail also offers a full line of Marman Couplings and upgraded Viton® Power (High Temperature) Seals.



See Page 2 for Part Numbers and Specs



PowerSeal Solutions

A PowerRail Quality Company

Pipe is always measured by the **Outside Diameter (O.D.)**.
Because a Marman Seal sits on the outside of the pipe, the **I.D.** of the Seal will be approximately the same size as the **O.D.** of the pipe.

<u>Seal Part #</u>	<u>Pipe Size</u>	<u>Pipe O.D.</u>	<u>Pipe I.D.**</u> (approx.)	<u>Seal I.D.</u>
TBA	3/8"	0.675"		
E8479542PS*	1/2"	0.84"	0.5"	0.809"
E8479543PS*	3/4"	1.05"	0.75"	1.019"
E8479544PS*	1"	1.315"	1"	1.284"
E8479598PS*	1 1/4"	1.66"	1.25"	1.629"
E8479599PS*	1 1/2"	1.90"	1.5"	1.869"
E8479600PS*	2"	2.375"	2"	2.344"
E8479601PS*	2 1/2"	2.875"	2.5"	2.844"
E8479602PS*	3"	3.50"	3"	3.469"
E8479603PS*	3 1/2"	4.00"	3.5"	3.969"
E8479604PS*	4"	4.50"	4"	4.469"
E40068473PS*	5"	5.563"	5"	5.546"
E8406231PS*	6"	6.625"	6"	6.625"

*PS1 Black Nitrile, PSB2 VPS B-SureSeal™

** NOTE: I.D. IS AN APPROXIMATE MEASUREMENT FOR SCH. 40 PIPE.



COUPLING ASSEMBLY		COMPONENT REFERENCE	
Pipe Outside Diameter	Assembled Coupling Length	Complete Assembly (PowerRail P/N)	Seal (PowerRail P/N)
0.5"	4.50"	E8476711	E8479542
0.75"	2.50"	E8479674	E8479697
0.75"	4.50"	E8470605	E8479606
1.00"	2.875"	E8470340	E8479544
1.00"	6.00"	E8476174	E8479544
1.00"	7.50"	E8472849	E8479544
2.00"	4.00"	E8474757	E8479600
2.00"	7.50"	E8479676	E8479600
2.50"	4.00"	E8392458	E8479538
2.50"	6.50"	E8472617	E8479538
2.50"	12.50"	E8472616	E8479538
2.50"	23.00"	E8275374	E8479601
2.50"	26.00"	E8284779	E8479601
2.50"	4.00"	E9516671	E8479601
3.00"	6.50"	E8471160	E8479539
3.00"	12.50"	E8468179	E8479539
3.00"	90°	E8455470	E8479539
4.00"	7.50"	E8252895	E8479541
4.00"	6.50"	E8474741	E8479541
4.00"	12.50"	E8470341	E8479541
5.00"	6.50"	E9559099	E40068473



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