



SEAL KING™

Low Profile Seal



The HMT SEAL KING Low Profile Secondary Seal was specifically designed to give the owners the ability to maximize the operating capacity of their storage tanks. With its extremely low profile, the SEAL KING increases the filling capacity of a floating roof tank, thus increasing the operating capacity allowing tank owners to increase competitiveness and profitability.

Its unique construction combines unsurpassed vapor sealing ability with exceptional water shedding capability, greatly reducing the incident of rainwater entering the product.

The SEAL KING is designed for maximum flexibility through the use of stainless steel support arms which maintain constant continuous sealing pressure on the tank shell regardless of variations in rim space and imperfections of the shell.

Maintenance of the SEAL KING is minimized through the use of a straightforward design incorporating no complicated components to adjust.

The SEAL KING design allows for simple, straight-forward inspection as all of the components are readily accessible.

The SEAL KING's advanced construction materials provide exceptional service life. It is compatible with any product normally stored in floating roof tanks, including benzene, naphtha, methanol, toluene, ETBE, TAME, MTBE, Ethanol and BioDiesel.

Contact your local HMT Representative to discuss the full suite of products and services that will satisfy all your AST needs.

SEAL KING vs Existing Secondary Seals Additional Storage Capacity

Rim Type	Design RS	Existing Sec. Seal		Seal King		Height Difference	Additional Barrels Gained Per Cycle						
		Str. Len.	Height	Sup. Arm	Height		60 Diameter	80 Diameter	100 Diameter	120 Diameter	160 Diameter	200 Diameter	300 Diameter
H	8	20	20	16	11	9	378	671	1049	1511	2686	4196	9442
H	9	22	22	16	10	12	504	895	1399	2014	3581	5595	12589
H	10	24	23	16	10	13	546	970	1515	2182	3879	6061	13638
H	11	25	24	18	11	13	546	970	1515	2182	3879	6061	13638
H	12	26	25	18	10	15	629	1119	1748	2518	4476	6994	15736
H	13	28	26	18	8	18	755	1343	2098	3021	5371	8393	18884
V	8	20	20	16	13	7	296	526	822	1183	2104	3287	7396
V	9	22	22	16	13	9	382	679	1061	1527	2716	4243	9547
V	10	24	23	16	12	11	458	815	1273	1834	3260	5094	11461
V	11	25	24	16	12	12	494	878	1373	1976	3514	5490	12353
V	12	26	25	16	12	13	544	968	1512	2178	3872	6050	13612
V	13	28	26	18	12	14	587	1044	1632	2350	4178	6528	14687

Advanced Features of the SEAL KING™ Low Profile Secondary Seal Include the Following:

- Low Profile—Increases storage tank capacity by increasing the maximum roof height.
- PTFE (Teflon®) Wiper tip and Vapor barrier fabric—Compatible with all products normally stored in floating roof tanks. Resistant to UV rays and Ozone.
- Wiper Tip—Extremely high abrasion resistance, ensuring the longest life possible.
- Water Tight—Water shedding ability greatly reduces the amount of rainwater entering the tank and product.
- Vapor Tight—Extremely flexible and conforms readily to the tank shell.
- Ease of Inspection.
- Maintenance friendly.



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