



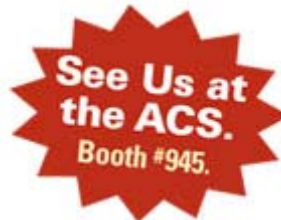
Energy-Efficient Fluid Transfer in Paint & Coatings Process Applications



Blackmer has designed its innovative ProVane® Motor Speed Vane Pump to help Paint and Coatings manufacturers improve operational efficiencies and reduce initial purchase costs. The ProVane® has been specifically designed for paint and coatings plants where energy efficiency, and reliable fluid transfer in process applications are desired. The [Blackmer ProVane® pump](#) is ideal for shear-sensitive liquids while delivering consistent volumetric output to ensure quality blending. The ProVane® has exceptional suction and self-priming capabilities for moving solvents from underground tanks to mixers, and it's capable of continuous-duty operation for superior uptime performance.

The ProVane® delivers operating speeds up to 3,600 rpm with capacities from 6 to 100 U.S. gallons (379 liters) per minute in sizes ranging from 3/4" to 2". Designed for continuous-duty operations, this pump offers the superior line stripping and fluid-transfer efficiency of traditional vane pumps with the added benefits of higher operating speeds, longer bearing and vane life, and one mechanical seal. Utilizing motor-speed technology, the ProVane® pump does not require a gear reducer, so it offers upfront equipment, installation and energy cost savings, not to mention the smaller footprint of a complete pumping unit.

Other features of the ProVane® pump include, a patented rotor and shaft design with a larger, sturdier shaft for efficient pressure and velocity profile on the bearings, resulting in an energy-saving hydrodynamic journal bearing condition; commercial mechanical seals, offering a wide range of sealing options including cartridge, tandem and double configurations to match your application needs and significantly reduce leak risks and the potential loss of raw materials; and, the Blackmer patented noise-suppression pumping liner that effectively reduces the noise and wear affects of cavitation to further reduce potential maintenance time and costs.



[ProVane® Spec Sheet \(PDF\)](#)



[Paint & Coatings Solutions Brochure \(PDF\)](#)

[If you have any questions or would like additional information, please feel free to reply to this email.](#)

For additional information about all Blackmer products and capabilities, please visit www.blackmer.com.

Respectfully,

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