

施柏德 SST-POROUS® Vents 产品物性说明书- Product material property specification

产品系列 Products	低透氧量, 高防护等级 Low air permeability, high protection level		品牌 Trademark	施柏德 Smart Membrane®-Vent
产品名称 product name	BD G0020045		产品编号 Product ID	/
产品性能和特性 Product performance and features				
防水透气产品主要功能 Waterproof breathable product main function	我们的产品能够在严酷的环境下提供出色的保护性能和耐久性 Our products can provide excellent protection performance and durability in harsh environment			
\	测试标准 Test Standard	特征值 Characteristic value	备注 Notes	
防护等级 IP grade	内控, IC	IP67/IP68	具体取决于实际的应用要求 Specific depends on the actual application requirements	
静水压 Water entry pressure, kPa	\	≥ 70	测试面积为 1cm ² , 测试时间为 50sec The testing area is 1cm ² , and the testing time is 50seconds	
典型透氧量, typical air permeability mL/min/cm ² @7kPa	行业标准	400	测试面积为 1cm ² 的实际测试透氧量 Actual test air permeability with a test area of 1cm ²	
最小透氧量, Minimum air permeability mL//min/cm ² @7kPa	行业标准	200		
工作温度 Operation Temperature	GB/T2423.1-2008	T _{min} = -40°C ; T _{max} = +160°C	做成成品, 使用温度需要考虑其他组分, 比如双面胶类型, 塑胶类型 To make a finished product, the temperature of use needs to consider other components, such as the type of double-sided adhesive and the type of plastic	
表面特性 Surface Properties	(AATCC) 118-2018	疏水 Hydrophobic	可根据实际应用进行疏油改性 Oil repellent modification can be carried out according to practical applications	
类型 Category	\	100%膨体聚四氟乙烯(e-PTFE)	\	

结构 Structure	\	纯膜, 无背衬材料 Pure film, no backing material	\
厚度 Thickness, mm	GB 6672-86	0.2 ± 0.03	\
应用领域 Application	防水透气、过滤 Waterproof, breathable, and filtered		
功效 Function	<ul style="list-style-type: none"> ➢ 迅速平衡压力, 以延长使用寿命, 有效管理凝露, 降低外壳的设计复杂性、重量和成本; Quickly balance pressure to extend service life, effectively manage condensation, and reduce the design complexity, weight, and cost of the casing; ➢ 为敏感的电子设备提供可靠保护, 不受水和其他液体的影响; Provide reliable protection for sensitive electronic devices from water and other liquids; ➢ 有效屏蔽污染物, 比如污垢、灰尘或盐份。 Effectively shield pollutants such as dirt, dust, or salt. 		

其他任何关于防水透气领域相关问题, 我们专业的销售工程师将会给您提供最佳的解决方案。
Our professional sales engineer will provide you with the best solution to any other problems in the field of waterproof and breathable water.