

应用 Application

抗爆穿隔密封系统的主要功能是为了维持抗爆墙、金属舱壁及甲板的完整性，使电缆和管道可以安全的通过。具有抗爆、防火及抵御其他风险的功能，并可预留孔位方便后续电缆或管道的增加。应用于船舶制造、海洋工程、石油化工、电力电信、国防军工、污水处理、工业及民用建筑等。

A blast transit sealing system is a means to maintain the integrity of a blast wall, bulkhead or deck through which cables pipes and other services pass. It has the functions of explosion resistance, fire prevention and other risks, and can reserve the hole position to facilitate the increase of cables or pipes. Products are applied to shipbuilding, oceaneering, petrochemical industry, telecommunication, defense, swage treatment and industrial and civil buildings.



特点 Features

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|---------|--------------------------------|-------------|---|
| ● 抗爆性能 | Blast resistance | ● 防爆性能 | Explosion proof |
| ● 防火性能 | Fire proof | ● 气密/水密性能 | Airtightness/Watertightness |
| ● 电磁兼容性 | Electro magnetic compatibility | ● 耐冲击、耐震动性能 | Impact resistance |
| ● 无毒性 | Non-toxicity | ● 耐高温/耐湿热性能 | Heat-and-cold resistance
Humidity resistance |

功能 Function

抗爆穿隔密封系统可以密封及隔离：

The blast transit sealing system will seal against and exhibit resistance to:

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|----------|-----------------------|-----------|---------------------|
| ● 爆炸冲击波 | Explosion wave | ● 火 | Fire |
| ● EMC | EMC | ● 化学物质 | Chemical substances |
| ● 水 | Water | ● 烟尘、有毒气体 | Smoke/Toxic gas |
| ● 辐射、紫外线 | Radiation/Ultraviolet | ● 虫害 | Vermin |

性能参数 Performances

性能 Performance		等级 Rating	测试机构 Testing Institution	
抗爆等级	Blast Resistance	≤ 1.5MPa	南京理工大学	Nanjing University of Science and Technology
耐火完整性	Fire Integrity	≥ 2 Hours	公安部四川消防研究所	Sichuan Fire Research Institute of MEM
防护等级	Ingress Protection	IP67	瑞士通标	SGS