

# TST Seal

PROVIDE CABLE AND PIPELINE  
MCT SOLUTIONS FOR GLOBAL USERS

MODULAR CABLES/PIPELINES  
MCT  
SELECTION GUIDE



TST Seal CO., Ltd

Add: Building 3th, Security Technology Industrial Park, Guangming, Shenzhen, China (518100)

 [alixich@tstcables.com](mailto:alixich@tstcables.com)

 [www.sealmct.com](http://www.sealmct.com)

Domestic brand of fire-resistant cable duct sealing,  
leading the innovation

Overcoming the problem of cable/pipeline  
MCT in various fields

Serving over 3,000 users worldwide and  
providing 10,000+MCT solutions

Email: [alixich@tstcables.com](mailto:alixich@tstcables.com)

Phone: +86-18620301269

Web: [www.sealmct.com](http://www.sealmct.com)

# REPLACING TRADITIONAL FIRE PREVENTION, SEALING, AND BLOCKING TECHNOLOGICAL SOLUTIONS



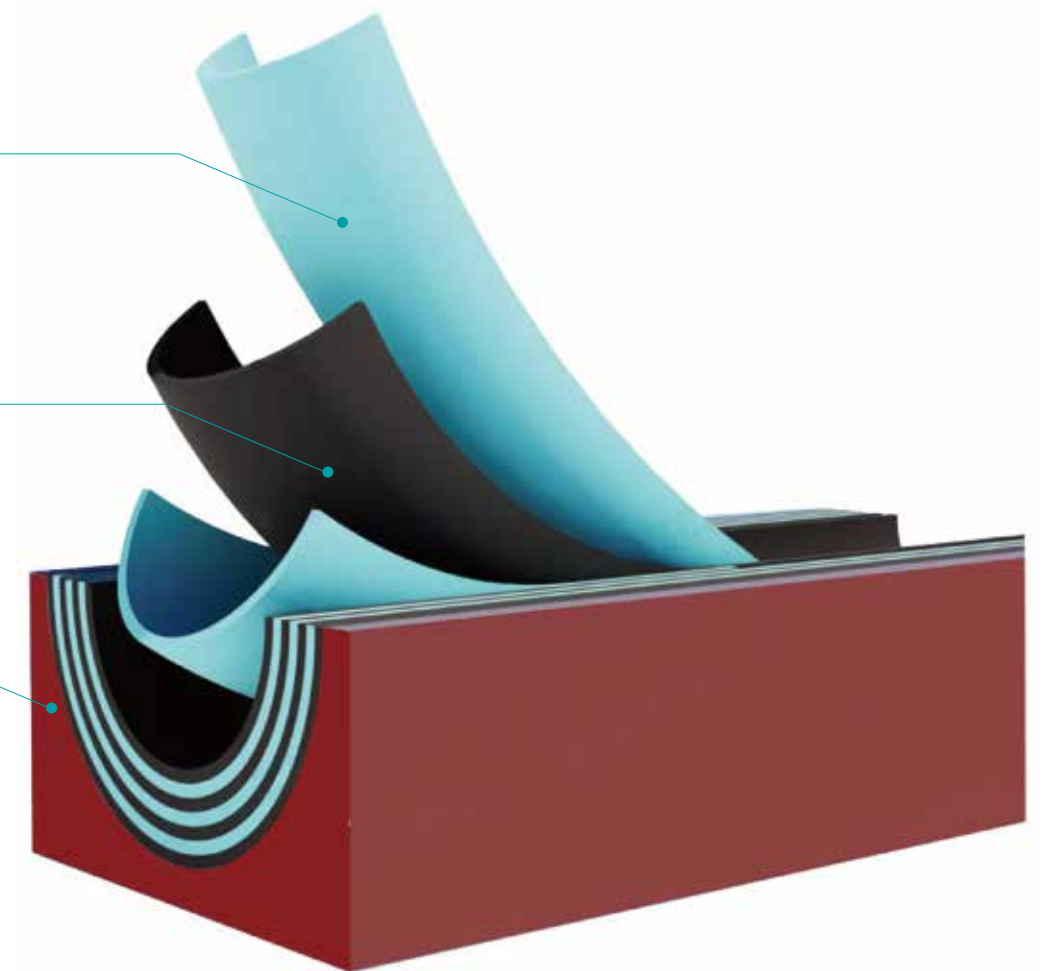
New sealing technology; Authoritative certification;  
Recognition in multi domain application



Support variable diameter and redundant design,  
and strong versatility; Convenient post maintenance



Excellent raw materials, stable and durable, structurally  
intact; Meet military quality control standards



Testeck, with professional and innovative approaches, creates safe and worry-free partition sealing solutions. From design to installation, provide professional support throughout the entire lifecycle, and tailored cable/pipeline partition and sealing solutions for you, also provides full chain professional technical services, making sealing solution worry-free because of us! "

# ENTERPRISE PROFILE

● ○ ○ ○ ○



ABOUT TST SEAL



R&D AND PRODUCTION



QUALIFICATION CERTIFICATE



ABOUT TESTECK

TST Seal Co., Ltd. is a pioneer enterprise dedicated to the fields of cable and pipeline MCT, electromagnetic compatibility, explosion-proof products. With profound technological accumulation and innovation capabilities, TST Seal has successfully led technological innovation of variable diameter modular cable and pipeline MCT.

Design, research, development, production, manufacturing, application services, the company has owned over 30 independent intellectual property rights, head patented technologies. Technological advantages enable us to stand out in industries such as power, rail transit, becoming pioneers, standard setters in modular cable and pipeline MCT.

TST Seal has complete manufacturing, testing equipment, advanced production management mode, rigorous quality management system, complete after-sales service network, consists of departments responsible for product research, development, marketing, manufacturing, quality management, after-sales service, total of over a hundred employees. Management and professional technicians, personnel all specialize in aerospace, military industry, over 50% advanced skilled technical talents.



TST Seal have ISO9001 quality management system, ISO14001 environmental management system, ISO45001 occupational health and safety management system certification. The self-developed A-60 to A-0 grade marine cable/pipeline MCT demonstrates unique characteristics in the professional field, and the products made of low smoke, halogen-free and high-performance EPDM material feature comprehensive functionality, full specifications, excellent performance, flexible combination, and convenient use.



国家电网  
STATE GRID



中国石油



明阳电气  
MINGYANG ELECTRIC



上海电气  
SHANGHAI ELECTRIC



中国中车  
CRRC



wison



中广核  
CGN

TST Seal has mastered core technology concerning the structure and material preparation of sealing device system, which representing the forefront technology owned by the domestic brands in the field of cable and pipeline MCT, also harvested widespread recognition and trust in the market with its excellent product performance, service quality, and fair price. At present, TST Seal has provided more than 10,000 sets of products and solutions to more than a thousand well-known domestic and foreign enterprises, including State Grid, Southern Power Grid, Three Gorges Group, six major power generation groups, as well as Harbin Electric, Dongfang Electric, Shanghai Development Group, GE, VOITT, CRRC, CGN, Mingyang Electric, and Wison Group. We will continue to promote industry development, and create more value for our customers in the spirit of innovation.





## R&D AND PRODUCTION

### RESEARCH DEVELOPMENT

TST Seal's technology research development team from the aerospace, military industries, over 50% advanced technical skilled talents. Strong research development capabilities, invested a huge amount of funds in research development, providing strong support for innovative development. After years of practice and technological accumulation, TST Seal not only made technological breakthroughs in related basic research achieved recognition from domestic and foreign industry institutions, but also formed a comprehensive intellectual property protection system, with more than 30 related invention patents, more than 20 qualifications in experimental testing.



### PRODUCTION

From raw material selection, production process, quality control and inspection, Testeck implements strict inspection layer by layer in accordance with military production standards and improves manufacturing processes, enhances product quality through rigorous testing and inspection, continuous analysis and improvement, creates high-quality products recognized and satisfied by the industry with zero defects in quality, and gains a strong competitive advantage in the market by meeting diverse customer needs.



## QUALIFICATION CERTIFICATE

Products undergone rigorous testing and inspection, including chemical analysis, aging experiments, vertical combustion experiments, acetic acid salt spray experiments, toxicity testing, water tightness, airtightness performance testing, electrical strength testing, dust, vibration resistance performance testing, corrosion resistance testing, fire & flame retardant performance testing, noise resistance performance testing.



Products certified by CCS, RS, DNV, LR, ABS, CCCF, electromagnetic shielding, explosion-proof, etc., and has passed a number of industrial standard tests and inspections in infrastructure, shipbuilding, marine engineering, rail transportation, power, energy and chemical, industrial manufacturing, and military field.





# CORE PRODUCT

○ ● ○ ○ ○



PRODUCT INTRODUCTION



PRODUCT PERFORMANCE



PRODUCT INTRODUCTION

PRODUCT INTRODUCTION

## TST Seal Cable/Pipe Multi Cable Transit (MCT)

Cable/pipeline MCT meets the fire resistance rating of A-0 and A-60 in the International Code for Application of Fire Test Procedures, 2010 (2010 FTP Code), and satisfies the GB23864 standard rating. Currently, some models reach a fire resistance rating of 3 hours, can prevent pressure-level penetration with a protection level of IP68, avoid water and gas penetration, and also have properties such as noise reduction, corrosion resistance, and resistance against vibration and impact. In addition, special electromagnetic shielding modules (detailed in electromagnetic shielding selection manual) capable of preventing EMI and EMP can ensure electrical safety and prevent electromagnetic penetration. Explosion-proof modules can be used in a space with corresponding explosion-proof level.

Modular sealing system easily to install and use, high structural strength, save space. Supports variable diameter function that adapts to cables or pipelines of various specifications, reserve spare space according to the needs of upgrade. System can disassembled and reassembled repeatedly meets future expansion and upgrading needs, achieves cost reduction and efficiency improvement for end users.

TST sealing system accurately adapt to cables/pipelines of various sizes, not only simplifies design, installation, inspection process, also effectively prevents on-site emergencies caused by later replacement. In addition, system significantly reduces inventory needs, its backup modules can be flexibly upgraded to cope with



### 可剥芯层的技术

适合不同规格的管线

The technology of peelable core layer is suitable for pipelines of different specifications.



### 组合式结构

无须拆除管线方便后期改造

The combined structure does not require the dismantling of pipelines, facilitating later transformation.



### 系列标准规格的 积木式组合模块

可适配任意尺寸的电缆或管道

The series of standard modular modules can be adapted to cables or pipeline of any size.





## Rectangular welding sealing system



T SWS-X+X...X×N-AO  
(precision opening)



T SWS-X+X...X×N-RO  
(rough opening)



T SWS/BTB-X+X...X×N -AO  
(precision opening and back-to-back)



T SWS/BTB-X+X...X×N-RO  
(rough opening and back-to-back)



T SWS/BTB/E-X+X...X×N-AO  
(precision opening and back-to-back)



T SWS/BTB/E-X+X...X×N-RO  
(rough opening and back-to-back)



T SWS-R\*-X+X...X×N  
rectangular welding sealing system

## Rectangular bolted sealing system



T SBS-X+X...X×N-N/M/W  
rectangular bolted sealing system



T SBS/BTB-X+X...X×N  
-N/M/W  
(back-to-back)



T SBS/BTB/E-X+X...X×N  
-N/M/W  
(back-to-back)



T OSBS-X+X...X×N  
(combination)



T OSES-X+X...X×N  
(cabinet)

## 矩形—预埋密封系统 rectangular embedded sealing system



T SCS-X+X...X×N



T SCS/BTB-X+X...X×N  
(back-to-back)

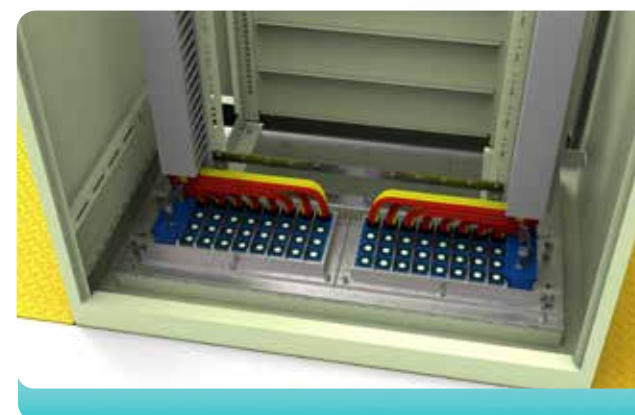
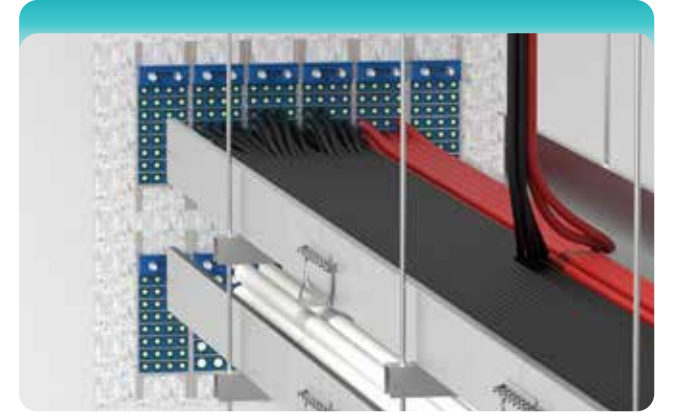


T SCS/BTB/E-X+X...X×N  
(back-to-back)



T OSCS-X+X...X×N  
(combination)

## RECTANGULAR SOLUTION





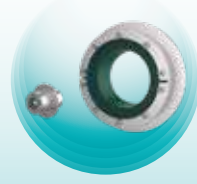
### Circular welding sealing system



T CWS-AO Series  
(precision opening)



T CWS-RT-AO Series  
(precision opening)

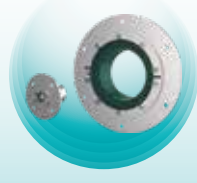


T CWS-RO Series  
(coarse opening)

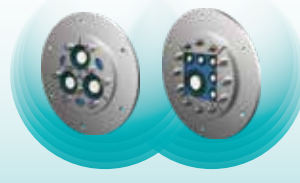


T CWS-RT-RO Series  
(coarse opening)

### Circular bolted sealing system



T CBS-N/M/W Series  
circular bolted sealing system



T CBS-RT-N/M/W Series  
circular bolted sealing system

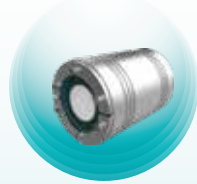


T OCBS Series  
(Combination)



T OCBS-RT Series  
circular bolted sealing system

### Circular embedded sealing system



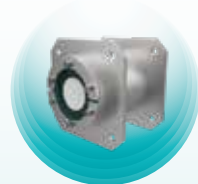
T CCS-R Series  
(Straight Barrel)



T CCS-R-RT Series  
(Straight Barrel)



T CCS-H Series  
(flange type)



T OSCS-X+X...X×N  
(combination)



T OSCS-X+X...X×N  
(combination)



T SCS/BTB/E-X+X...X×N  
(back-to-back)



T OSCS-X+X...X×N  
(combination)

### Circular solution

