

# Non-asbestos Sealing Materials

## 无石棉密封材料

# TL1703

### 产品说明

该产品为灰色无石棉密封材料，含受控膨胀的丁苯橡胶，具有较好的压缩性和柔顺性，间隙操作温度在180℃以下，密封性能优良。

### 物理性能

项目	指标	
密度/(g/cm <sup>3</sup> )	≥	1.25
拉伸强度/Mpa	≥	7
压缩率/%		12-25
回弹率/%	≥	30
浸渍IRM903油后性能 149±2℃, 5h	增厚率(%)	25-45
浸渍ASTM燃油B后性能 21~30℃, 5h	增厚率(%)	20-40
挠曲系数 温度21~30℃	F	≤ 5
挠曲系数 温度100±2℃, 保持72h	F	≤ 7
油密封性 螺栓扭矩20±2N.m, 内部介质压力0.5 MPa, 保持30min		无泄露

### Description

TL1703 is a controlled-swell Non-asbestos vulcanized gasket material with styrene butadiene rubber binder. It has good compressibility and flexibility, intended for oil applications with short duration maximum up to 180°C (356°F).

### Technical Specifications

Property	Specification	
Density/(g/cm <sup>3</sup> )	≥	1.25
Tensile Strength /Mpa	≥	7
Compressibility /%		12-25
Recovery /%	≥	30
Stress relaxation /%	≤	35
Fluid Resistance (at ASTM IRM 903 Oil, 149±2℃, 5h)	Thickness Change /%	25-45
Fluid Resistance (at ASTM Fuel B, 21-30℃, 5h)	Thickness Change /%	20-40
Flexibility 21~30℃	F	≤ 5
Flexibility 100±2℃, 72h	F	≤ 7
Oil sealing performance (at bolt tightening force-torque 20±2 N.m, internal liquid pressure 0.5 MPa, 30min)		No Leakage

## 天府密封科技

TEAMFUL SEALING TECHNOLOGY

#### 总公司:

成都天府垫片科技有限公司  
地址: 中国·四川省成都市双流县西南  
航空港经济技术开发区双华路三段123号  
电话: 86-028-85875538  
传真: 86-028-85651433  
邮件: sales@teamful.net

#### 出口部:

电话: 86-028-85875509  
传真: 86-028-85651433  
邮件: qul@teamful.net

#### 广东分公司

江门天府密封科技有限公司  
地址: 中国·广东省江门市新会区大泽  
镇创利来工业基地泽棠路  
电话: 86-0750-6805518  
传真: 86-0750-6805519  
邮件: sales@teamfulgd.net

#### Teamful Headquarters

Chengdu Teamful Gasket Technology  
Co.,Ltd.  
ADD: No.123, Shuanghua Road Section 3,  
the Southwest Airport Economic  
Development Zone, Shuangliu, Chengdu,  
P.R. China  
Tel: 86-028-85875538  
Fax: 86-028-85651433  
Email: sales@teamful.net

#### Foreign Trade Dept.

电话: 86-028-85875509  
传真: 86-028-85651433  
邮件: qul@teamful.net

#### Guangdong Teamful Branch

JiangMen Teamful Sealing Technology  
Co.,Ltd.  
ADD: Zetang Road, Chuanglilai Industrial  
Zone, Daze Town, Xinhui District, Jiangmen  
City, Guangdong, P.R.China  
TEL: 86-0750-6805518  
FAX: 86-0750-6805519  
Email: sales@teamfulgd.net