

# Non-asbestos Sealing Materials

## 无石棉密封材料

# TL1401

### 产品说明

该产品为通用型灰色无石棉密封材料，含丁腈橡胶，具有良好的压缩回弹性，较好的油密封性能，间隙使用温度在180℃以下。

### 物理性能

项目	指标	
密度 / ( g/cm <sup>3</sup> )	≥ 1.25	
拉伸强度/Mpa	≥ 10.5	
压缩率/%	7-17	
回弹率/%	≥ 40	
浸渍 IRM903 油后性能 149±2℃, 5h	增重率/%	10-30
	增厚率/%	≤ 25
浸渍ASTM燃油B后性能 21 ~ 30℃, 5h	增重率/%	10-30
	增厚率/%	≤ 25
油密封性 螺栓扭矩20±2N.m, 内部介质压力0.5 MPa、保持30min	无泄漏	

### Description

TL1401 is a gray color Non-asbestos vulcanized gasket material for general application. It contains organic fiber reinforcement and nitrile butadiene rubber binder. And it has good oil resistant performance, good compressibility and recovery. The short duration maximum temperature is up to 180°C (356°F).

### Technical Specifications

Property	Specification	
Density / (g/cm <sup>3</sup> )	≥ 1.25	
Tensile Strength /Mpa	≥ 10.5	
Compressibility /%	7-17	
Recovery /%	≥ 40	
Fluid Resistance (at ASTM IRM 903 Oil, 149±2℃, 5h)	Weight Change /%	10-30
	Thickness Change/%	≤ 25
Fluid Resistance (at ASTM Fuel B, 21-30℃, 5h)	Weight Change /%	10-30
	Thickness Change/%	≤ 25
Oil sealing performance (at bolt tightening force-torque 20±2 N.m, internal liquid pressure 0.5 MPa, 30min)	No Leakage	

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