

## Rubber Coated Metal Materials

### 金属橡胶复合材料

# BF2620-301

## 产品说明

该材料为新型密封材料，通过特定的生产工艺在金属基材表面均匀涂覆橡胶层；该材料具有良好的耐热、耐久性能，并且具有极低的压强永久变形率。与传统的非金属密封材料相比，该材料具有相对较长的使用寿命，因此，通常应用在压力更大、温度更高、密封要求更苛刻的使用环境中。

## 物理性能

项目	指标	
橡胶种类	氟橡胶	
金属基材	SUS301	
外观	亚光半黑色，光滑有一定弹性	
总厚度(MM)	0.26 ± 0.02	
基材厚度(MM)	0.20 ± 0.01	
橡胶厚度(MM)	0.030 ± 0.005(单面)	
最高使用温度	≤	300℃
橡胶附着力	100%无脱落	
金属基材硬度(HV)	430-470	
浸渍IRM903油后性能 149±2℃, 5h	增重率/ %	≤ 5
	增厚率/ %	≤ 4
浸渍ASTM燃油B后性能 21~30℃, 5h	增重率/ %	≤ 5
	增厚率/ %	≤ 4

## Description

**BF2620-301** is a new kind of sealing material that was produced from special procession of coating rubber overlaid evenly on the surface of metal core. Provide excellent performance of high-temperature resistance and durability. It has a relatively long shelf life than other traditional non-metallic sealing materials. Therefore, It was generally used in harsh environmental condition of extra pressure and ultra-temperature sealing requirement.

## Technical Specifications

Property	Specification	
Rubber type	FKM	
Metal Core	SUS301	
Appearance	Semi-luster black smooth and must be flexible	
Total thickness (MM)	0.26 ± 0.02	
Metal core thickness (MM)	0.20 ± 0.01	
Rubber coating thickness (MM)	0.03 ± 0.005(Single side)	
Max. Operation Temp.	≤	300℃
Rubber Adhesives	100% no precipitation	
Metal Core Hardness Value(HV)	430-470	
Fluid Resistance (at ASTM IRM Oil #3, 149±2℃, 5h)	Weight Change / %	≤ 5
	Thickness Change / %	≤ 4
Fluid Resistance (at ASTM fuel B, 21-30℃, 5h)	Weight Change / %	≤ 5
	Thickness Change / %	≤ 4

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