



S977 PTFE管路密封劑

描述

S977 是一種含聚四氟乙烯之高黏度管路密封劑,具快速固化特性,當金屬管件密合時,其缺氧反應可迅速達10 Bar之密封耐壓,當本產品完全固化後,其密封耐壓可達350 Bar. S977 獲WRAS 及BSEN 751-1 之認證.

應用

標準之應用包括須密封水,油及瓦斯之金屬管路密封,S977 不建議使用於高壓氧氣管路.

使用注意事項

低溫下或非活性材質之固化時間將會較長,可搭配促進劑使用,以加速其固化, S977建議塗覆至第2~3螺牙處即可,超出管件密合處之S977膠體,可予以擦拭去除

S977 塗覆於不銹鋼,黃銅及銅質之管路,均具極佳之密封效果,確實防止洩露.

鋼質管件可快速固化並達初步密封效果時間小於15分@ 20°C

耐溫: -50°C ~ + 150°C

鬆脫扭矩: 12 N /mm² (ISO method 4)

磨擦扭矩: 6 N /mm² (ISO method 4)

適合管徑範圍: 6mm ~75mm

操作說明

- 清潔材質表面,並保持乾燥及無灰塵.
- 表面去脂將可增加效果
- 塗覆適當膠量
- 組裝管件
- 固定管件約15-30分
- 儲放本產品於陰涼處所
- 避免陽光照射本產品

促進劑

可搭配本司促進劑A471,可加快固化速度,使用促進劑時,密封強度有可能降低30%

產品物性資料(固化前)

成份:..... 甲基丙烯酸乙酯

顏色: 螢光黃

黏度: 60,000-85,000

25°C Brookfield DVII Spindle 6 @10rpm

比重: 1.05 @ 20°C

最大管徑:..... 3 英寸

最大填縫:..... 0.50mm

閃火點:..... >100°C

產品物性資料(固化後)

鍍鋅螺栓M10 x 20

1. 初步密封:..... 15 – 30分

2. 具功能強度時間:.... 1 – 3 小時

3. 完全固化 3 – 6 小時

5. 鬆脫扭矩 15-20N.m (M10) *DIN54454

6. 磨擦扭矩:..... 10-15N.m (M10) *DIN54454

7. 剪力強度: 6-13 N/mm² DIN54452

8. 耐溫範圍:..... -55°C ~ +150°C

貯存

保存期限:12 月 @ 20°C

包裝

50ml , 65ml & 250ml及桶裝20Kg.

安全衛生事項

請參考物性安全資料表

刺激性: R43 - R36/37/38 - S23 - S24/25 - S37/39 - S51

含甲基丙烯酸乙酯

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