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FLEXOID

Specification Sheet

Flexoid is a plasticised gelatine impregnated material, cellulose based. Flexoid has excellent oil and fuel resistance however it is not suitable for alkalis, acids and steam. Gaskets must be protected from wide changes of humidity and temperature to prevent dimensional changes.

Description

Colour: Brown

Content: Cellulose, gelatine impregnated paper

Technical Specification

| | <u>Test method</u> | <u>Unit</u> | <u>Value</u> |
|---------------------------------|--------------------|-------------------|--------------|
| Moisture Content: | 15 min @ 100°C | % | 8 – 14 |
| Thickness: | ASTM F104 | mm | ± 10% |
| Compression: | ASTM F36 | % | 25 – 40 |
| Recovery: | ASTM F36 | % | 40 Min. |
| Tensile Strength: | ASTM F152 | MN/m ² | 13.79 |
| IRM 903 Oil weight increase: | ASTM F146 | % | 15 max |
| IRM 903 Oil thickness increase: | ASTM F146 | % | 5 max. |
| Fuel B Weight increase: | ASTM F146 | % | 15 max |
| Fuel B thickness increase: | ASTM F146 | % | 5 max |
| Water weight increase: | ASTM F146 | % | 90 max |
| Water thickness increase: | ASTM F146 | % | 30 max |

Max recommended service temperature: 120°C
 Compressibility at 70kg/cm²; (1000 psi): 25% - 40%

All properties based on 0.8mm material refer to ASTM F104 section 7



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