



SPECIFICATION DATA SHEET

HP-15

Heavy Duty Non-Asbestos Gasket Material

Description

HP-15 is a mix of synthetic/cellulose with high levels of special rubber binders. Primarily used in Compressors, Diesel Engines & other applications. It has excellent low flange pressure sealability and bolt torque retention. It is intended for applications with intermittent temperature upto 205°C.

| S.NO. | PROPERTY | | SPECIFICATIONS | TEST METHOD |
|-------|--------------------------------------|--------------------|-------------------|-------------|
| 1. | DENSITY | gm/cc | 1.55 (min) | ASTM F-1315 |
| 2. | COMPRESSIBILITY | % | 13-25 | ASTM F- 36 |
| | AT 350 kg/cm ² (5000 psi) | | | |
| 3. | RECOVERY | % | 40 (min) | ASTM F-36 |
| 4. | TENSILE STRENGTH | kg/cm ² | 100 (min) | ASTM F-152 |
| 5. | FLUID RESISTANCE | | | |
| | ASTM OIL NO 3 | | ----- | ASTM F-146 |
| | THICKNESS INCREASE | % | 10 (max) | |
| | WEIGHT INCREASE | % | 20 (max) | |
| | ASTM FUEL B | | ----- | ASTM F-146 |
| | THICKNESS INCREASE | % | 10 (max) | |
| | WEIGHT INCREASE | % | 20 (max) | |
| | GLYCOL WATER 50/50 | | ----- | ASTM F-146 |
| | THICKNESS INCREASE | % | 20 (max) | |
| | WEIGHT INCREASE | % | 30 (max) | |
| 6. | CREEP RELAXATION | | 30 (max) | |
| 7. | BINDER TYPE | | Nitrile Butadiene | |

Remarks & Related Data

Specification values determined by test methods required for ASTM F-104, TYPE 7 MATERIALS

Availability

Roll Width : 1200mm
Roll Weight : 50 - 250 kg
Thickness Range : 0.40mm - 1.50mm
Core Size : 75mm

Other special sizes available on request. Anti stick coating on request.

Aeroflex Sealing Material Mfg. Co.

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ISO 9001:2015

