



Engineering Material Specification

Material Name

Specification Number

GASKET, CELLULOSE FIBER/ASBESTOS-RUBBER COATED *E m* **ESE-M8G63-A**

1. SCOPE

The material defined by this specification is a hard dense cellulose fiber core, covered on each side with oil and fuel resistant synthetic rubber impregnated asbestos paper.

2. APPLICATION

This specification was released originally for material used where heat insulation and spacer requirements are involved, i.e., gasket between carburetor and intake manifold.

3. REQUIREMENTS

3.1 DENSITY, min 60 lb/ft³ (960 kg/m³)
(ASTM F 104, Type 2 material)

3.2 COMPRESSIBILITY, min
(ASTM F 36, 4000 psi (27.6 MPa) load)

1/8 in (3.2 mm) thick and under 15%

Over 1/8 in (3.2 mm) to 1/2 in (12.7 mm) thick 10%

Recovery, min 55%
(Preload 10 psi (69 kPa), major 800 lb (3.6 kN) or
4000 psi (27.6 MPa) load on 0.505 in (12.83 mm)
presser foot)

3.3 TENSILE STRENGTH, min 2500 psi (17.2 MPa)
(ASTM F 39, 1 in (25 mm) wide specimen)

3.4 IMMERSION IN LIQUIDS
(ASTM F 104, 22 h at 23 ± 2°C, 1 x 2 in
(25 x 50 mm) specimen)

Immersion Fluid	Weight Change, max
ASTM Oil No. 1	+20%
ASTM Reference Fuel "B"	+30%
Distilled Water	+35%

3.5. SUPPLIER'S RESPONSIBILITY

Material supplied to this specification must be equivalent to that originally approved. Changes in formulation or processing shall not be made without prior approval as described in Supplier Procedure I-A.

Date	Para. No.	Revisions
1978 07 17		Metricated. Renumbered & Retyped CESH-RD732440E SUPP 2
1964 05 27		Released E7-3093