Engineering Material Specification

Material Name	Specification Number
OIL SEAL, ASBESTOS/RUBBER	E ESE-M8G59-A

NO PART X REF.

1. SCOPE

The material defined by this specification is an elastomeric bonded, compressed asbestos sheet.

2. APPLICATION

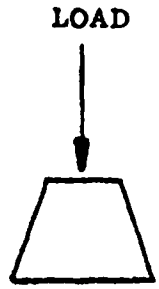
This specification was released originally for material used where resistance to high temperature and oil is required and the amount of swell is controlled, i.e., seal for rear main bearing cap.

3. REQUIREMENTS

All tests are to be conducted on original sheet thickness, in accordance with ASTM F 104, Type 1, unless otherwise specified.

3.1 COMPRESSIBILITY (ASTM F 36, Procedure "A", except the test specimen shall be loaded as shown) — 7 - 17%

Recovery, min — 40%



3.2 TENSILE STRENGTH, min (Jaw spacing, approximately 1 in (25 mm)) — 3000 psi (20.7 MPa)

3.3 IMMERSION IN LIQUIDS

Thickness change shall be measured with 9 + 0.1 oz (2.50 + 0.03 N) load on gage before immersion and 3 + 0.1 oz (0.83 + 0.03 N) load on gage after immersion using a presser foot diameter of 0.25 + 0.01 in (6.4 + 0.3 mm).

Date	Para. No.	Revisions
1978 11 15		Metricated, Renumbered & Retyped = CE3H-AMSE2440-E Supp # 1
1963 10 11		Released E7-2840

8001 1332