Ford Engineering Material Specification

Material Name

GASKET, ASBESTOS/RUBBER

Specification Number

N ESEN-M8G121-A

NO PART X REF.

1. SCOPE

The material defined by this specification is a compressed asbestos fiber, compounded with natural and synthetic rubber.

2. APPLICATION

This specification was released originally for material used as a gasket for the tractor transmission handbrake cover.

3. REQUIREMENTS

Conditioning prior to testing and testing shall be in conformance to ASTM F 104, Type 1, unless otherwise specified.

3.1 TENSILE STRENGTH, min
(ASTM F 39, tested perpendicular to grain)

0.010 in (0.25 mm) to 0.016 in (0.41 mm) thick inclusive	1200 psi (8.3 MPa)
0.017 in (0.43 mm) to 0.030 in (0.76 mm) thick inclusive	1600 psi (11.0 MPa)
0.031 in (0.79 mm) and over	2000 psi (13.8 MPa)

3.2 COMPRESSIBILITY
(ASTM F 36, Procedure "A")

0.010 in (0.25 mm) to 0.016 in (0.41 mm) thick inclusve	5 - 15%
0.017 in (0.43 mm) and over	6 - 14%

3.2.1 Recovery, min

0.010 in (0.25 mm) to 0.016 in (0.41 mm) thick inclusive	30%
0.017 in (0.43 mm) and over	35%

3.3 IMMERSION IN LIQUIDS
(ASTM D 471)

3.3.1 Tensile Strength, psi (MPa), min

Thickness	ASTM Oil No. 3 (5 h at 150°C)	ASTM Fuel "B" (24 h at 23 ± 2°C)
0.010/0.016 in (0.25/0.41 mm)	400 (2.8)	400 (2.8)
0.017/0.030 in (0.43/0.76 mm)	600 (4.1)	600 (4.1)
0.031 in (0.79 mm) and over	800 (5.5)	800 (5.5)

Date	Para. No.	Revisions	
1978 11 21		Metricated, Renumbered & Retyped CNT-L-770250-C	
1967 04 06		Released KT-10805	

R001 1372

Enc Rel June 77 3948-a