Engineering Material Specification

Material Name	Specification Number
GASKET, ASBESTOS COMPOSITION-HEAT INSULATING	A ESA-M8G147-A NO PART X REF.

1. SCOPE

The material defined by this specification is a high temperature, heat insulating material.

2. APPLICATION

This specification was released originally for material used as a heat shield for the exhaust system.

3. REQUIREMENTS

3.1 COMPOSITION

The material shall be made of asbestos, rubber, fillers and curatives.

3.1.1 INFRARED SPECTROPHOTOMETRY AND/OR THERMAL ANALYSIS

Ford Motor Company, at its option, may conduct infrared and/or thermal analysis of material/parts supplied to this specification. The curves established for initial approval shall constitute the reference standard and shall be kept on file at Central Laboratory. All samples shall produce curves that correspond to the reference standard when tested under the same conditions as those specified on the master curve.

3.2 THICKNESS (ASTM F 104)

Original	As specified on engineering drawing
After immersion in ASTM No. 3 Oil, Change (5 h at 149°C)	10 - 30%

3.3 TENSILE STRENGTH, min (ASTM F 104)

Original	15 MPa
After immersion in ASTM No. 3 Oil, Loss, max (5 h at 149°C)	50%

3.4 COMPRESSIBILITY (ASTM F 104)

Original	7 - 17%
After immersion in ASTM No. 3 Oil, max (5 h at 149°C)	30%

8001 1410

Date	Para. No.	Revisions	
1979 01 10		Metricated & Retyped CAH2 82 3385	[illegible]
1976 12 09		Released CVF2-761281	E.P. Francis JCL

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