

ASBESTOS GASKETS

IMO DIVISION

ES-2.3.1.3

1.0 Conforms: This material does not conform to a military or ASTM specification.

2.0 Scope: This specification covers asbestos fiber gasket material similar to Armstrong AN890.

3.0 Use: This material shall be used for gaskets for miscellaneous IMO applications.

4.0 Processing: Not applicable.

5.0 Heat Treatment: Not applicable.

6.0 Chemical Composition: This material shall be made of asbestos fiber with an oil resistant synthetic rubber binder made by the modified heater-saturation process before being formed into sheets. The synthetic rubber binder shall be nitrile.

7.0 Microstructure: Not applicable.

8.0 Mechanical Properties:

8.1 The average tensile strength transverse to the grain direction shall be 2000 psi minimum as determined by ASTM F-104-68T.

8.2 The compressibility and recovery shall be tested as per ASTM F-104-68T. Under a load of 5000 psi, the compressibility shall be 20 to 30% and the recovery 35% minimum.

* 8.3 Maximum operating temperature 750°F.

9.0 Hardness: Not applicable

10.0 Tolerances: The material shall be of uniform thickness with the following variations allowed:

TX0165

8-82	LAA	82-0288*Added	ASBESTOS GASKETS			
12-82	LAA					
3/79	LAA	Rev. Was AN8017				
DATE	CHK. BY	APPRO.	ALTERATIONS	DELAVAL	IMO PUMP DIVISION TRENTON, N.J. 08602	ES-2.3.1.3 Rev. 3



~~ASBESTOS~~
ASBESTOS GASKETS

ES-2.3.1.3

Normal

1/64
1/32
1/16

Lot Variation

.013-.018
.028-.034
.057-.067

11.0 Marking: Not applicable.

12.0 Sampling:

12.1 For qualification purposes 1/32" thick material shall be used.

12.2 Sufficient specimens shall be selected to provide the minimum of three determinations for each test. The average of the determinations shall be considered as the result.

13.0 Quality: All material shall have smooth surfaces and shall be free from imperfections. Workmanship shall be first class in every respect.

14.0 Welding/Repair: Not applicable.

15.0 Test Reports: Reports of mechanical properties shall accompany each lot of shipment.

16.0 Rejection: Failure to conform to this specification in all respects shall constitute reason for rejection.

17.0 Receiving Inspection: Material shall be sample checked for dimensional defects in accordance with drawing requirements.

18.0 Purchasing: Use pages 1 and 2 of this specification for purchasing purposes.

ASBESTOS GASKETS				8-82	LAA	<i>[Signature]</i>	82-0288*Added
				12-80	<i>[Signature]</i>	<i>[Signature]</i>	
				1-8-73	L.A.A.	<i>[Signature]</i>	
Rev. 3	ES-2.3.1.3	IMO DIVISION DE LAVAL TURBINE INC. Trenton, New Jersey 08602		DATE	CK. BY	APP'D.	ALTERATIONS