PLAINTIFF'S EXHIBIT IMO-25

MATERIAL SPECIFICATION - NM-7

Scope: This specification covers compressed asbestos sheet packing material similar to ASTM D-1170 #P1161A.

Materials: The packing shall consist of not less than 70% by weight of chrysotile asbestos fiber, not less than 10% by weight of rubber, natural and/or synthetic, sulphur and suitable mineral fillers.

Tolerances: Packing under this specification shall be of uniform thickness with a variation of:

+.005) -.002)	1/64 & under
±.005	- over 1/64 and under 1/16
±.008	- 1/16 and under 3/32
± 10%	- 3/32 and over

Physical Requirements:

(1) The packing shall be capable of withstanding temperatures up to 750°F.

(2) The tensile strength of material 1/32" and thicker shall be 3500 Psi minimum average of longitudinal and transverse directions. Single ply sheets 1/64" thick shall have a minimum strength of 1200 Psi in the weakest direction and an average tensile strength of both longitudinal and transverse directions of not less than 2000 Psi as determined by ASTM D733.

(3) Compressability and recovery shall be tested as per ASTM D1147. Under a load of 5000 Psi the compressability shall be 7 to 17% and the recovery 40% minimum.

Rejection: Failure to conform to this specification shall constitute reason for rejection.

Chemical Analysis: Two specimens shall be tested for the percent of asbestos fiber, percent of rubber cement and percent of chemically combined water.

Basic Code No.	Material Specification	Process Specification	Form & Condition
0906 D	NM-7	As received	Asbestos Sheet

NOTE: Use page 1 only for Purchasing.

TX0094

D - Test report not required to be furnished.

CONFIDENTIAL

	Supersedes issue dated 7/24/70	10/2/78	HG		TITLE NM-7	TRENTON, N.J. 08602
						SHEET NO. 1 OF 2
CHG	ALTERATIONS	DATE	BY	CHK		Code 0906

No. 93-L (R-1) 9/73

MATERIAL SPECIFICATION - NM-7

Approved Brand Names & Sources

Ankorite #425	The Anchor Packing Company Philadelphia, Pa.
Raybestos-Manhattan #663	Raybestos-Manhattan, Inc. Bridgeport, Conn.
Durabla	Durabla Manufacturing Company 114 Liberty Street New York, New York
Johns-Manville #60	Johns Manville Company Chestnut at Fourth Street Philadelphia, Penna.
Garlock #7735	The Garlock Packing Company 20 South 15th Street Philadelphia, Penna.
Melrath #125	Melrath Gasket 30th & Hunting Park Avenue P.O.Box 9830 Philadelphia, Penna. 19140

Approved Brand Names & Sources: (In accordance with MIL-A-7021A)

Garlock #7735	The Garlock Packing Company 20 South 15th Street Philadelphia, Penna.

TX0095

DELAVAL	TITLE		Supersedes issue	10/2/73	HG	
TRENTON, N.J. 08602	NM-7		dated 7/24/70			
SHEET NO. 2 OF 2						
Code 0906		CHG	ALTERATIONS	DATE	BY	CHK

No. 93-R (R-1) 9/73

Material Specification - MM-7

Scope: This specification covers compressed asbestos sheet packing material similar to ASTM D-1170 #P1161A.

Materials: The packing shall consist of not less than 70% by weight of chrysotile asbestos fiber, not less than 10% by weight of rubber, natural and/or synthetic, sulphur and suitable mineral fillers.

Tolerances: Packing under this specification shall be of uniform thickness with a variation of:

+.005)
-.002) 1/64 & under
±.005 - over 1/64 and under 1/16
±.008 - 1/16 and under 3/32
±10% - 3/32 and over

Physical Requirements:

(1) The packing shall be capable of withstanding temperatures up to 750 F.
(2) The tensile strength of material 1/32" and thicker shall be 3500 psi minimum average of longitudinal and transverse directions. Single ply sheets 1/64" thick shall have a minimum strength of 1200 psi in the weakest direction and an average tensile strength of both longitudinal and transverse directions of not less than 2000 psi as determined by ASTM D733.
(3) Compressability and recovery shall be tested as per ASTM D1147. Under a load of 5,000 psi the compressability shall be 7 to 17% and the recovery 40% minimum.

Rejection: Failure to conform to this specification shall constitute reason for rejection.

Chemical Analysis: Two specimens shall be tested for the percent of asbestos fiber, percent of rubber cement and percent of chemically combined water.

Basic Code No.	Material Specification	Process Specification	Form and Condition
0906	MM-7	As Received	Asbestos Sheet

NOTE: Use page 1 only for purchasing.

TX0096

			Supersedes issue dated 9/4/63	MM-7	Page 1 of 2
11/8/63					
DATE	CK. BY	APP'D.	ALTERATIONS	DE LAVAL TURBINE INC. TRENTON 2, NEW JERSEY U.S.A.	Code 0906

NO. 93

Approved Brand Names and Sources: (In accordance with MIL-A-17472)

Ankorite #425	The Anchor Packing Co. Philadelphia, Pa.
Raybestos-Manhattan #663	Raybestos-Manhattan, Inc. Bridgeport, Conn.
Durabla	Durabla Manufacturing Co. 114 Liberty Street New York 6, New York
Johns-Manville #60	Johns Manville Co. Chestnut at Fourth St. Philadelphia 6, Pa.
Garlock #7735	The Garlock Packing Co. 20 South 15th St. Philadelphia 2, Pa.

Approved Brand Names and Sources: (In accordance with MIL-A-7021A)

Garlock #7735	The Garlock Packing Co. 20 South 15th St. Philadelphia 2, Pa.

TX0097

Material Specification - NM-7

Scope: This specification covers compressed asbestos sheet packing material similar to ASTM D-1170 #P1161A.

Materials: The packing shall consist of not less than 70% by weight of chrysotile asbestos fiber, not less than 10% by weight of rubber, natural and/or synthetic, sulphur and suitable mineral fillers.

Tolerances: Packing under this specification shall be of uniform thickness with a variation of:

+.005) 1/64 & under
-.002)
±.005 - over 1/64 and under 1/16
±.008 - 1/16 and over

Physical Requirements:

(1) The packing shall be capable of withstanding temperatures up to 750 F.
(2) The tensile strength shall be 3,500 psi minimum for sheets 1/32" and thicker. Single ply sheets 1/64" thick shall have a minimum strength of 1200 psi in the weakest direction and an average tensile strength of both longitudinal and transverse directions of not less than 2000 psi as determined by ASTM D733.

(3) Compressability and recovery shall be tested as per ASTM D1147. Under a load of 5,000 psi the compressability shall be 7 to 17% and the recovery 40% minimum.

Rejection: Failure to conform to this specification shall constitute reason for rejection.

Chemical Analysis: Two specimens shall be tested for the percent of asbestos fiber, percent of rubber cement and percent of chemically combined water.

Basic Code No.	Material Specification	Process Specification	Form and Condition
0906	NM-7	As received	Asbestos Sheet

TX0098

NOTE: Use page 1 only for purchasing.

			Supersedes page 1 dated 9/15/58	NM-7	Page 1 of 2
9/4/63					
DATE	CK. BY	APP'D.	ALTERATIONS	DE LAVAL TURBINE INC. TRENTON 2, NEW JERSEY, U.S.A.	Code 0906

NO. 93

Material Specification - NM-7

Approved Brand Names and Sources: (In accordance with MIL-A-17472)

Ankorite #425	The Anchor Packing Co. Philadelphia, Pa.
Raybestos-Manhattan #663	Raybestos-Manhattan, Inc. Bridgeport, Conn.
Durabla	Durabla Manufacturing Co. 114 Liberty Street New York 6, New York
Johns-Manville #60	Johns Manville Co. Chestnut at Fourth St. Philadelphia 6, Pa.
Garlock #7735	The Garlock Packing Co. 20 South 15th St. Philadelphia 2, Pa.

Approved Brand Names and Sources: (In accordance with MIL-A-7021A)

Garlock #7735	The Garlock Packing Co. 20 South 15th St. Philadelphia 2, Pa.

TX0099

			Supersedes page 2 dated 9/15/58	NM-7	Page 2 of 2
9/4/63					
DATE	CK. BY	APP'D.	ALTERATIONS	DE LAVAL TURBINE INC. TRENTON 2, NEW JERSEY, U. S. A.	Code 0906

NO. 93

Material Specification - NM-7

Scope: This specification covers compressed asbestos sheet packing material similar to ASTM D-1170 FG-1111-1.

Materials: The packing shall consist of not less than 70% by weight of chrysotile asbestos fiber, not less than 10% by weight of rubber, natural and/or synthetic, sulphur and suitable mineral fillers.

Tolerances: Packing under this specification shall be of uniform thickness with a variation of plus or minus .002 for thicknesses up to 1/32".

Physical Requirements:

(1) The packing shall be capable of withstanding temperatures up to 750 F.
(2) The tensile strength shall be 3,500 psi minimum for sheets 1/32" and thicker. Single ply sheets 1/64" thick shall have a minimum strength of 1200 psi in the weakest direction and an average tensile strength of both longitudinal and transverse directions of not less than 2000 psi as determined by ASTM D733.
(3) Compressability and recovery shall be tested as per ASTM D1147. Under a load of 5,000 psi the compressability shall be 12-20% and the recovery 40% minimum.

Rejection: Failure to conform to this specification shall constitute reason for rejection.

Basic Code No.	Material Specification	Process Specification	Form and Condition
0906	NM-7	As Received	Asbestos Sheet

TX0100

NOTE: Use page 1 only for Purchasing.

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9/5/58						
DATE	CK. BY	APP'D.	ALTERATIONS	DE LAVAL TURBINE INC. TRENTON 2, NEW JERSEY, U.S.A.	DE 12-911	

214-1

Material Specification - NM-7

Approved Brand Names and Sources:

Ankorite #425	The Anchor Packing Co. Philadelphia, Pa.
Raybestos-Manhattan #663	Raybestos-Manhattan, Inc. Bridgeport, Conn.
Durabla	Durabla Manufacturing Co. 114 Liberty Street New York 6, New York
John Crane #2150	Crane Packing Co. 5 East Montgomery Ave. Bala-Cynwyd, Pa.
Johns-Manville #60	Johns Manville Co. Chestnut at Fourth St. Phila. 6, Pa.
Melrath #150	Melrath Supply & Gasket Co. Tioga & Armingo Ave. Phila. 34, Pa.
Garlock #7735	The Garlock Packing Co. 20 South 15th St. Phila. 2, Pa.

NM-7 is a compressed asbestos sheet packing material that will meet ASTM D-1170 #G-1111-1 and MIL-A-17472.

TX0101

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9/15/58						
DATE	CK. BY	APP'D.	ALTERATIONS	DE LAVAL TURBINE INC. TRENTON 2, NEW JERSEY, U.S.A.	DE 12-911	

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