

GARLOCK COMPRESSED ASBESTOS SHEET GASKETING

PLAINTIFF'S EXHIBIT *ET-8*

Garlock Compressed Asbestos Sheet combines white or blue asbestos with a v... binders ... bonded under pressure and vulcanized into a homogeneous sheet. All styles are... tough and durable with sufficient compressibility to seal properly, yet resist plastic flow under heavy bolt loads. Ideal for high pressure/high temperature applications employing rigid flanges with adequate bolting capacity. For basic information covering four popular styles, see chart below. Contact your Garlock representative on other styles.

STYLE
900

MATERIAL	Compressed Chrysotile asbestos with SBR binder					
TENSILE STRENGTH	With grain 6000 psi. Across grain 2500 psi. Average 4250 psi					
APPLICATION	Steam, gas, air and other services at temperatures to 700°F. Not recommended against extremely hot oil, organic solvents or strong mineral acids					
EQUIPMENT	On pipe flanges, boiler manholes, gasketed joints on steam engines, compressors, internal combustion engines, pumps or other equipment					
THICKNESSES (inches)	1/64, 1/32, 1/16, 3/32, 1/8, 3/16, 1/4					
SHEET SIZES (inches)	40 x 40	50 x 50	60 x 60	75 x 75	120 x 120	150 x 150
NOMINAL WEIGHTS* (pounds per sheet)	6.0	9.4	13.5	21.1	54.0	84.4

*Nominal weights for 1/16 in. thickness. Other thicknesses in proportion

7021

MATERIAL	Compressed Chrysotile asbestos with SBR binder					
TENSILE STRENGTH	With grain 6800 psi. Across grain 2500 psi. Average 5000 psi					
APPLICATION	Hot oil service at high temperature—steam or hot gases up to 700°F					
EQUIPMENT	On flanges of cracking stills and other refinery equipment, pipe lines, compressors, internal combustion engines; other high temperature applications					
THICKNESSES (inches)	1/64, 1/32, 1/16, 3/32, 1/8, 3/16, 1/4					
SHEET SIZES (inches)	40 x 40	50 x 50	60 x 60	75 x 75	120 x 120	150 x 150
NOMINAL WEIGHTS* (pounds per sheet)	6.0	9.4	13.5	21.1	54.0	84.4

*Nominal weights for 1/16 in. thickness. Other thicknesses in proportion

7228

MATERIAL	Compressed Chrysotile asbestos with neoprene binder					
TENSILE STRENGTH	With grain 5200 psi. Across grain 2800 psi. Average 4000 psi					
APPLICATION	Oil, refrigerants and solvents at temperatures to 300°F					
EQUIPMENT	On pipe flanges and gasketed joints of internal combustion engines, compressors, pumps and similar equipment					
THICKNESSES (inches)	1/64, 1/32, 1/16, 3/32, 1/8					
SHEET SIZES (inches)	40 x 40	50 x 50	60 x 60	75 x 75	120 x 120	150 x 150
NOMINAL WEIGHTS* (pounds per sheet)	6.0	9.4	13.5	21.1	54.0	84.4

*Nominal weights for 1/16 in. thickness. Other thicknesses in proportion

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CHECK SPEC. SHEET

STYLE	7006 & 7819
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Reference MS367

MATERIAL: White chrysotile asbestos with SBR binder.

COLOR: 7006--Off-White
7819--Grey-Black

STYLE CODE: 7006--31417
7819--31595

SPECS: Meets ASTM-D-1170-62T, Grade P-1161A; SAE-J90A; Grade P-1161A.

USES: General purpose commercial grade sheet for industrial and marine applications. Temperatures to 750°F.

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TYPICAL PHYSICAL VALUES

TENSILE STRENGTH:

Across Grain: 2600 psi

COMPRESSIBILITY AT 5000 PSI LOAD:

7-17%

RECOVERY FROM 5000 PSI LOAD:

40% Min.

ASTM #3 OIL IMMERSION:

5 Hours at 300°F.

Thickness Increase:	25%
Tensile Loss:	45%

ASTM REF. FUEL B IMMERSION:

5 Hours at 70-85°F.

Thickness Increase:	20%
Weight Increase:	20%

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THICKNESSES	SHEET SIZES	
1/64" + .005/-.002	40" x 42"	60" x 63"
1/32" ± .005	40" x 63"	60" x 126"
1/16" ± .006	40" x 126"	75" x 75"
3/32" ± .008	50" x 50"	75" x 150"
1/8" ± .010	50" x 75"	120" x 126"
3/16" ± .015	50" x 150"	150" x 150"
1/4" ± .015		

NOTES:
(1) Special thicknesses and/or thickness tolerances available on request.
(2) Special sheet sizes also available on request.

ET-000015