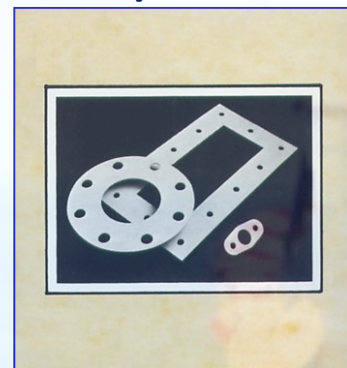




MIL-DTL-24696D TY 2 - Compressed Sheet with Aramid Fibers/SBR Binder



CONSTRUCTION

MIL-DTL-24696D TY 2 is a compressed non-asbestos sheet gasket material produced from a combination of Aramid Fiber, Inorganic Fillers and bonded with Styrene-Butadiene Rubber (SBR). It is manufactured under rigorous quality control standards that are registered under ISO-9001 certification.

APPLICATION / SERVICE

MIL-DTL-24696D TY 2 is a very good general service gasket material that has numerous applications in the process industries and in the water and wastewater industry. It is also commonly used in equipment such as valves and pumps. **MIL-DTL-24696D TY 2** is suitable for service handling the following general media categories:

- Mild acids
- Diluted alkalis
- Aliphatic solvents
- Saturated Steam
- Water
- Industrial gases
- General chemicals
- Brine
- Air

SERVICE LIMITS

Type	Description	Value
Temperature Limits	Maximum	716°F (380°C)
	Continuous Max	490°F (270°C)
Pressure Limits	Maximum	1015 psi (70 bar)
	Continuous Max	725 psi (50 bar)
ASTM Line Call Out F104	F712940E44M5	
Color	Off White	

TYPICAL PHYSICAL PROPERTIES

ASTM Test Method	Property	Value
-	Density	122 lb/ft ³ (1.96 g/cc)
F36	Compressibility	7-17%
F36	Recovery	min 45%
F152	Tensile Strength	2030 psi (14 MPa)
F495	Ignition Loss	max 28%
F146	Thickness Increase After 5 Hour Immersion	
	· ASTM oil IRM 903 @300°F (150°C)	max 40%
	· ASTM Fuel B @ 77°F (25°C)	max 20%
F146	Weight Increase After 5 Hour Immersion	
	· ASTM oil IRM 903 @300°F (150°C)	max 30%
	· ASTM Fuel B @ 77°F (25°C)	max 30%
F38	Creep relaxation	22%
	Torque Retention (DIN 52913)	37 N/mm ²
F37	Sealability at 1000 psi	0.25 ml/h

SHEET SIZE	PART NUMBER
1/64" X 60" X 60"	SDS-06455-24696-2
1/32" X 60" X 60"	SDS-03255-24696-2
1/16" X 60" X 60"	SDS-06255-24696-2
3/32" X 60" X 60"	SDS-09355-24696-2
1/8" X 60" X 60"	SDS-12555-24696-2
LARGER SHEET SIZES AVAILABLE	



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