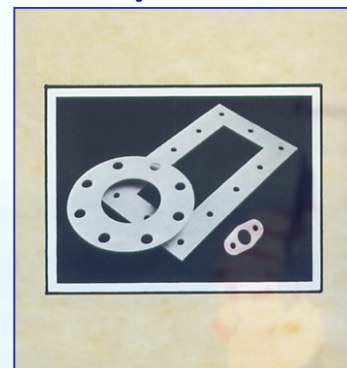




## MIL-DTL-24696D TY 2 - Compressed Sheet with Aramid Fibers/SBR Binder



### 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 <sup>3</sup> (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 <sup>2</sup>
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	



**SAN DIEGO SEAL, INC.**

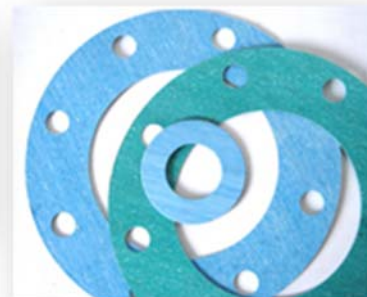
7635 RONSON ROAD • SAN DIEGO, CALIFORNIA 92111

TEL: 858-278-3270 • FAX: 858-278-2950

E-MAIL: sales@sandiegoseal.com • VISIT US AT: www.sandiegoseal.com



## STYLE 3000NA – ARAMID FIBER/NBR BINDER NON-ASBESTOS SHEET



### CONSTRUCTION

Style 3000NA is a compressed non-asbestos sheet gasket material produced from a combination of aramid and other synthetic fibers and bonded with nitrile rubber (NBR). It is manufactured through the hot calendar process under rigorous quality control standards that are registered under ISO-9001 certification.

### APPLICATION / SERVICE

Style 3000NA 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. Style 3000NA is suitable for service handling the following general media categories:

- Mild inorganic acids
- Diluted alkalis
- Aliphatic solvents
- Synthetic oils
- General chemicals
- Mild organic acids
- Water
- Industrial gases
- Vegetable oils
- Neutral solutions
- Refrigerants
- Brine
- Animal oils
- Petroleum and Derivatives
- Air

### SERVICE LIMITS

Type	Description	Value
Temperature Limits	Maximum	750°F (400°C)
	Continuous Max	460°F (240°C)
Pressure Limits	Maximum	1595 psi (110 bar)
	Continuous Max	725 psi (50 bar)
ASTM Line Call Out F104	F712120E22M5	

## TYPICAL PHYSICAL PROPERTIES

ASTM Test Method	Property	Value
-	Density	109 lb/ft <sup>3</sup> (1.75 gm/cc)
F36	Compressibility	7-17%
F36	Recovery	min 45%
F38	Tensile Strength Across Grain	1670 psi (11.5 N/mm <sup>2</sup> )
F495	Ignition Loss	max 34%
F146	Thickness Increase After 5 Hour Immersion	
	☒ ASTM IRM 903 @300°F (150°C)	max 12%
	☒ ASTM Fuel B @77°F (25°C)	max 10%
F146	Weight Increase After 5 Hour Immersion	
	☒ ASTM IRM 903 @300°F (150°C)	max 15%
	☒ ASTM Fuel B @77°F (25°C)	max 15%
F38	Creep Relaxation	25%
	Torque Retention (DIN 52913)	28 N/mm <sup>2</sup>
F37	Sealability at 1000 psi	0.25 ml/h

SHEET SIZE	PART NUMBER
1/64" X 60" X 60"	SDS-06455-3000NA
1/32" X 60" X 60"	SDS-03255-3000NA
1/16" X 60" X 60"	SDS-06255-3000NA
3/32" X 60" X 60"	SDS-09355-3000NA
1/8" X 60" X 60"	SDS-12555-3000NA
LARGER SHEET SIZES AVAILABLE	



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## STYLE 3200NA - COMPRESSED SHEET with ARAMID FIBERS/SBR BINDER



### CONSTRUCTION

Style 3200NA 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

Style 3200NA 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. Style 3200NA 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 <sup>3</sup> (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 <sup>2</sup>
F37	Sealability at 1000 psi	0.25 ml/h

SHEET SIZE	PART NUMBER
1/64" X 60" X 60"	SDS-06455-3200NA
1/32" X 60" X 60"	SDS-03255-3200NA
1/16" X 60" X 60"	SDS-06255-3200NA
3/32" X 60" X 60"	SDS-09355-3200NA
1/8" X 60" X 60"	SDS-12555-3200NA
LARGER SHEET SIZES and PRE-CUT GASKETS AVAILABLE	



### **SAN DIEGO SEAL, INC.**

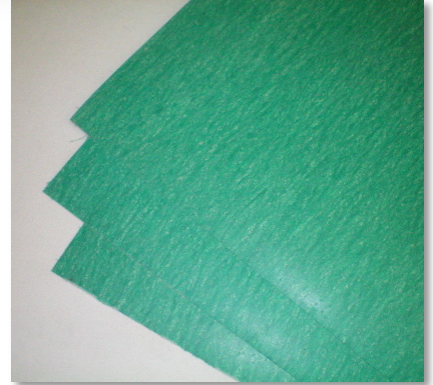
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## STYLE 1001NA - Compressed Sheet with Aramid Fibers/NBR Binder (GREEN)



### CONSTRUCTION

Style 1001NA is a compressed General Purpose non-asbestos sheet gasket material produced from a combination of aramid and other synthetic fibers and bonded with nitrile rubber (NBR). It is manufactured through the hot calendar process under rigorous quality control standards that are registered under ISO-9001 certification.

### APPLICATION / SERVICE

Style 1001NA 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. Style 1001NA is suitable for service handling the following general media categories:

- Mild inorganic acids
- Diluted alkalis
- Aliphatic solvents
- Synthetic oils
- General chemicals
- Mild organic acids
- Water
- Industrial gases
- Vegetable oils
- Neutral solutions
- Refrigerants
- Brine
- Animal oils
- Petroleum and Derivatives
- Air

SERVICE LIMITS		
Type	Description	Value
Temperature Limits	Maximum	750°F (400°C)
	Continuous Max	460°F (240°C)
Pressure Limits	Maximum	1595 psi (110 bar)
	Continuous Max	725 psi (50 bar)
ASTM Line Call Out F104	F712120E22M5	

## TYPICAL PHYSICAL PROPERTIES

ASTM Test Method	Property	Value
-	Density	109 lb/ft <sup>3</sup> (1.75 gm/cc)
F36	Compressibility	7-17%
F36	Recovery	min 45%
F38	Tensile Strength Across Grain	1670 psi (11.5 N/mm <sup>2</sup> )
F495	Ignition Loss	max 34%
F146	Thickness Increase After 5 Hour Immersion	
	· ASTM IRM 903 @300°F (150°C)	max 12%
	· ASTM Fuel B @77°F (25°C)	max 10%
F146	Weight Increase After 5 Hour Immersion	
	· ASTM IRM 903 @300°F (150°C)	max 15%
	· ASTM Fuel B @77°F (25°C)	max 15%
F38	Creep Relaxation	25%
	Torque Retention (DIN 52913)	28 N/mm <sup>2</sup>
F37	Sealability at 1000 psi	0.25 ml/h

SHEET SIZE	PART NUMBER
1/64" X 60" X 60"	SDS-06455-1001NA
1/32" X 60" X 60"	SDS-03255-1001NA
1/16" X 60" X 60"	SDS-06255-1001NA
3/32" X 60" X 60"	SDS-09355-1001NA
1/8" X 60" X 60"	SDS-12555-1001NA
PRE-CUT GASKETS and LARGER SHEET SIZES AVAILABLE	



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