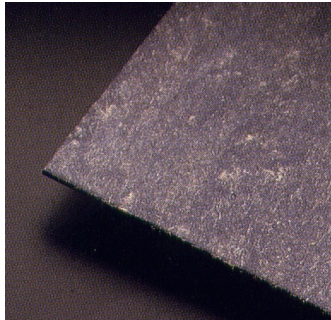




## STYLE 1100NA CARBON FIBER/NBR BINDER



### CONSTRUCTION

**Style 1100NA** is a compressed non-asbestos sheet gasket material produced from carbon fibers and graphite, 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 1100NA** is a premium grade, multi-service gasket sheet, designed to handle the extremes of pressure and temperature, and it cuts very easily and cleanly. The versatility of this sheet enables a plant to standardize on one sheet for a multitude of applications and avoid the confusion of having to choose from several different sheets.

### SERVICE LIMITS

Type	Description	Value
Temperature Limits	Maximum	840°F (450°C)
	Continuous Max	518°F (270°C)
Pressure Limits	Maximum	1900 psi (130 bar)
	Continuous Max	1000 psi (70 bar)
ASTM Line Call Out F104	F712120E23M6	
Color	Black	

SHEET SIZE	PART NUMBER
1/64" X 60" X 60"	SDS-06455-1100NA
1/32" X 60" X 60"	SDS-03255-1100NA
1/16" X 60" X 60"	SDS-06255-1100NA
3/32" X 60" X 60"	SDS-09355-1100NA
1/8" X 60" X 60"	SDS-12555-1100NA
LARGER SHEET SIZES AVAILABLE	

# NA1100

## CARBON FIBER/NBR BINDER COMPRESSED SHEET

### TYPICAL PHYSICAL PROPERTIES

ASTM Test Method	Property	Value
-	Density	106 lb/ft <sup>3</sup> (1.7 gg/cc)
F36	Compressibility	5-15%
F36	Recovery	min 50%
F152	Tensile Strength Across Grain	2175 psi (15 N/mm <sup>2</sup> )
F495	Ignition Loss	max 50%
F146	Thickness Increase After 5 Hour Immersion	
	· ASTM IRM 903 @300°F (150°C)	max 15%
	· ASTM Fuel B @77°F (25°C)	max 15%
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	22%
	Torque Retention (DIN 52913)	35 N/mm <sup>2</sup>
F37	Sealability at 1000 psi	0.2 ml/h



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