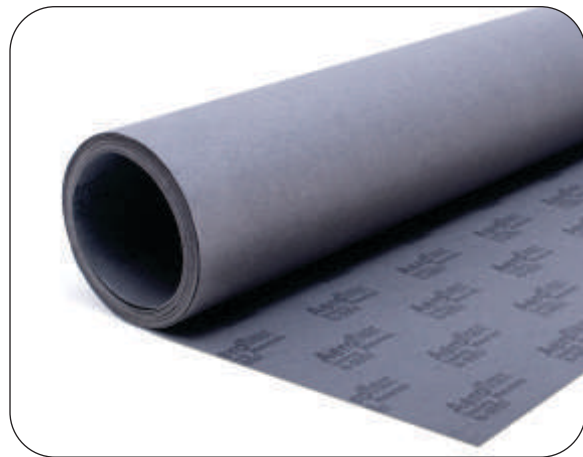




Aeroflex Sealing



Asbestos Free Gasket Material



www.aeroflexsealing.com

Company Profile

Aeroflex Sealing Material Mfg. Co. is a technology driven company, engaged in the manufacture and export of Beater Addition Gasket & Cellulose Fibre Gasket Material.

Our products are made of high quality materials with skillful workmanship. With their excellent quality and complete range of specifications, we have earned a worldwide reputation. We deliver the highest quality products at competitive prices by constantly striving to refine our product sourcing strategies, product engineering and adhering to strict internal and external quality guidelines, thus providing our customers with an unparalleled level of service and support.

Our products are tested and inspected thoroughly by our in-house quality experts for any imperfection before they are delivered to our clients which are OEMs and after market customers.

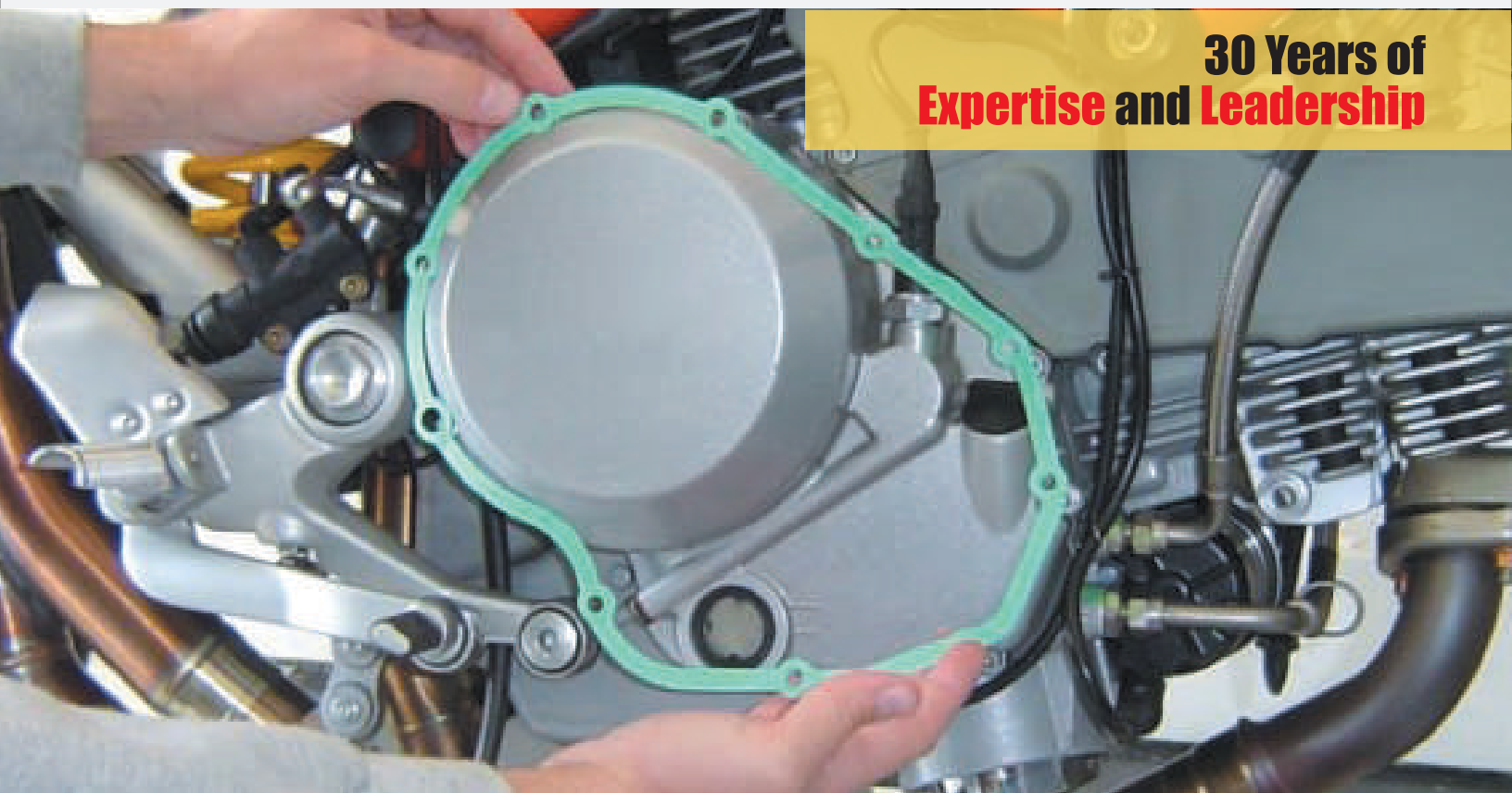
**Largest
Manufacturer
&
Supplier**

**More than
80% of
Market Share
in Export**

**Industry
Leader**



**Africa, America, Australia,
Europe, Middle East,
South East Asia**



**30 Years of
Expertise and Leadership**



Aeroflex Sealing

Product Range

Non-Asbestos Beater Facing Material.....Page 1 to 4

(HNA 1000, HNA 2000, HNA 3000, HNA 4000)

Non-Asbestos Soft Gasket Material.....Page 5 to 7

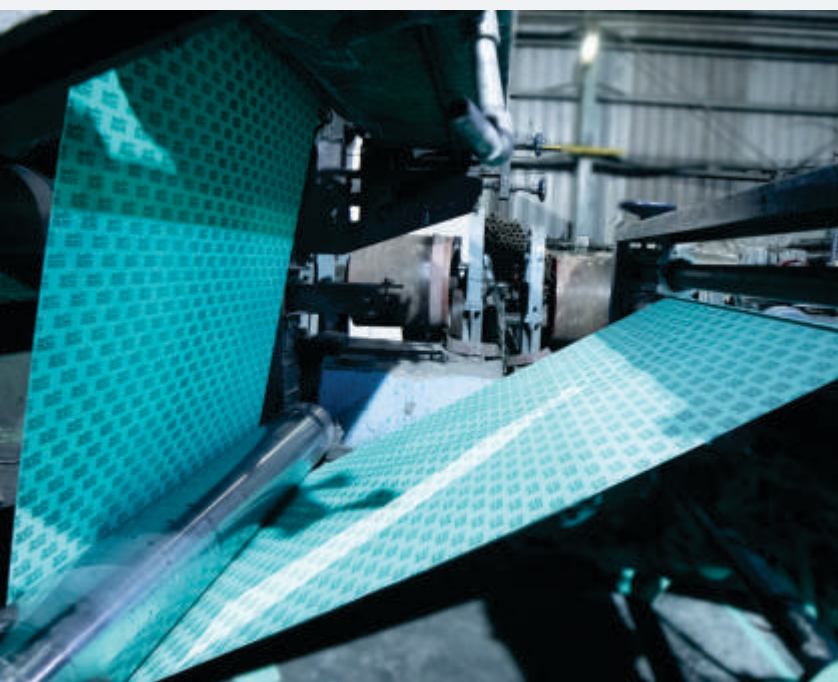
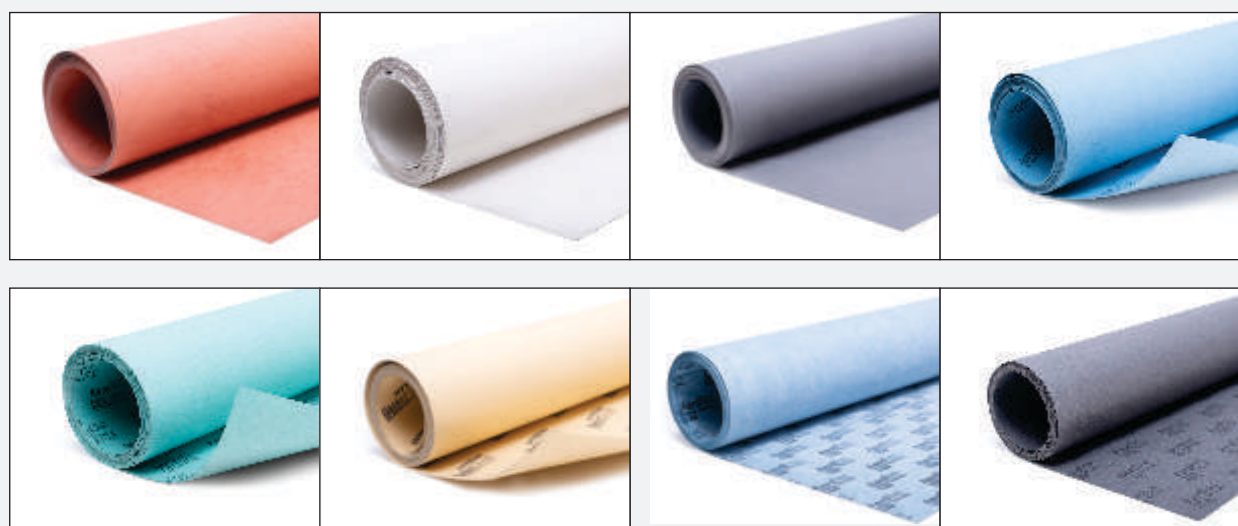
(HYTITE 60, S309, N 9080)

High Density Gasket Material.....Page 8 to 11

(N 9092, HP 15, Superflex 89, CS 9813)

Non Asbestos Heat Shield Gasket Material.....Page 12

(HT 50)



**Wide and Extremely Diverse
Customer Base**

**Best Price and
On-Time Delivery**

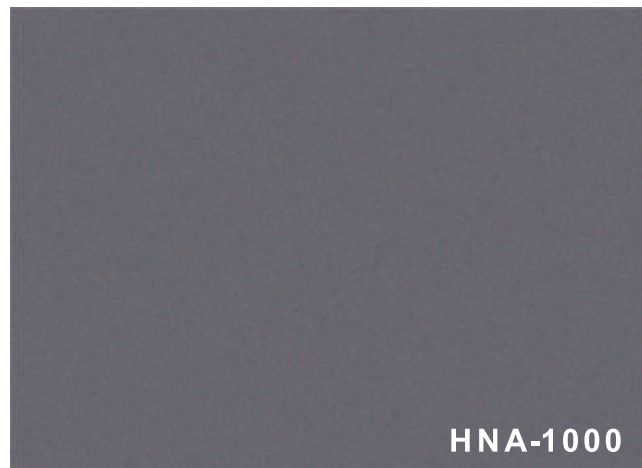
**Client Specific
Manufacturing**

**Customized
Solutions**

Non-Asbestos Beater Facing Material

HNA-1000

Non Asbestos Cylinder Head Facing Material



SPECIFICATION DATA SHEET

Description

HNA-1000 is a Cylinder head facing material designed to deliver the performance required by small engines cylinder head applications. It is a non asbestos material with inorganic fillers encapsulated by NBR and is easy to combine on perforated metal core. Max operating Temperature upto 220°C.

S.NO.	PROPERTY		SPECIFICATIONS	TEST METHOD
1.	DENSITY	gm/cc	1.10 (min)	ASTM F-1315
2.	COMPRESSIBILITY	%	35 (max)	ASTM F-36
	AT 350 kg/cm ² (5000 psi)			
3.	RECOVERY	%	18 (min)	ASTM F-36
4.	TENSILE STRENGTH	kg/cm ²	38 (min)	ASTM F-152
5.	FLUID RESISTANCE			
	ASTM OIL NO 3		-----	ASTM F-146
	THICKNESS INCREASE	%	10 (max)	
	WEIGHT INCREASE	%	40 (max)	
	ASTM FUEL B		-----	ASTM F-146
	THICKNESS INCREASE	%	10 (max)	
	WEIGHT INCREASE	%	40 (max)	
6.	WEIGHT LOSS ON	%	33(max)	ASTM F-495
	IGNITION AT 850°C			
7.	BINDER TYPE		Nitrile Butadiene	

Remarks & Related Data

Specification values determined by test methods required for ASTM F-104, TYPE 7 MATERIALS

Availability

Roll Width : 1220mm
Roll Weight : 50 - 250 kg
Thickness Range : 0.50mm - 1.50mm
Core Size : 75mm

Other special sizes available on request. One side Graphite coating available on request.

Non-Asbestos Beater Facing Material

HNA-2000

Non Asbestos Cylinder Head Facing Material



SPECIFICATION DATA SHEET

Description

HNA-2000 is a non asbestos cylinder head facing material with inorganic fillers and fibres encapsulated by NBR. It is suitable for original equipment or aftermarket use combines easily on perforated metal core and has good sealability and creep relaxation properties. Max operating temperature upto 220°C.

S.NO.	PROPERTY		SPECIFICATIONS	TEST METHOD
1.	DENSITY	gm/cc	1.15 (min)	ASTM F-1315
2.	COMPRESSIBILITY	%	30 (max)	ASTM F- 36
	AT 350 kg/cm ² (5000 psi)			
3.	RECOVERY	%	25 (min)	ASTM F-36
4.	TENSILE STRENGTH	kg/cm ²	45 (min)	ASTM F-152
5.	FLUID RESISTANCE			
	ASTM OIL NO 3		-----	ASTM F-146
	THICKNESS INCREASE	%	10 (max)	
	WEIGHT INCREASE	%	40 (max)	
	ASTM FUEL B		-----	ASTM F-146
	THICKNESS INCREASE	%	10 (max)	
	WEIGHT INCREASE	%	35 (max)	
	GLYCOL/WATER 50/50		-----	ASTM F-146
	THICKNESS INCREASE	%	30 (max)	
	WEIGHT INCREASE	%	50 (max)	
6.	WEIGHT LOSS ON	%	29(max)	ASTM F-495
	IGNITION AT 850°C			
7.	BINDER TYPE		Nitrile Butadiene	

Remarks & Related Data

Specification values determined by test methods required for ASTM F-104, TYPE 7 MATERIALS

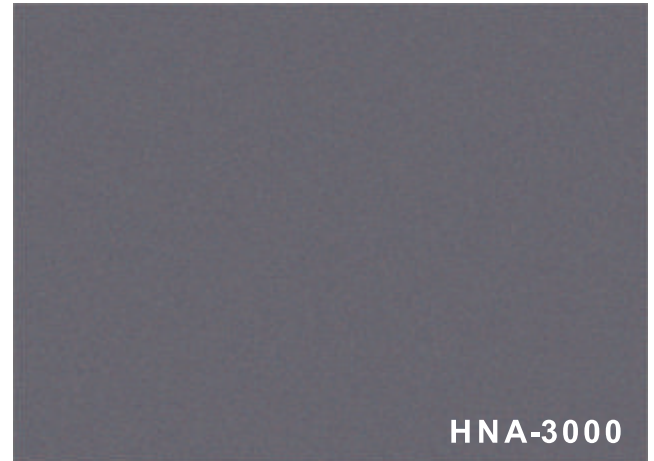
Availability

Roll Width : 1220mm
Roll Weight : 50 - 250 kg
Thickness Range : 0.50mm - 1.50mm
Core Size : 75mm

Non-Asbestos Beater Facing Material

HNA-3000

Non Asbestos Cylinder Head Facing Material



SPECIFICATION DATA SHEET

Description

HNA-3000 is a non asbestos cylinder head facing material with inorganic fillers and fibres encapsulated by NBR. It is suitable for original equipment or aftermarket use combines easily on perforated metal core and has good sealability and creep relaxation properties. Max operating temperature upto 220°C.

S.NO.	PROPERTY		SPECIFICATIONS	TEST METHOD
1.	DENSITY	gm/cc	1.22 (min)	ASTM F-1315
2.	COMPRESSIBILITY	%	35 (max)	ASTM F-36
	AT 350 kg/cm ² (5000 psi)			
3.	RECOVERY	%	25 (min)	ASTM F-36
4.	TENSILE STRENGTH	kg/cm ²	30 (min)	ASTM F-152
5.	FLUID RESISTANCE			
	ASTM OIL NO 3		-----	ASTM F-146
	THICKNESS INCREASE	%	10 (max)	
	WEIGHT INCREASE	%	40 (max)	
	ASTM FUEL B		-----	ASTM F-146
	THICKNESS INCREASE	%	10 (max)	
	WEIGHT INCREASE	%	35 (max)	
	GLYCOL/WATER 50/50		-----	ASTM F-146
	THICKNESS INCREASE	%	20 (max)	
	WEIGHT INCREASE	%	70 (max)	
6.	WEIGHT LOSS ON	%	24(max)	ASTM F-495
	IGNITION AT 850°C			
7.	BINDER TYPE		Nitrile Butadiene	

Remarks & Related Data

Specification values determined by test methods required for ASTM F-104, TYPE 7 MATERIALS

Availability

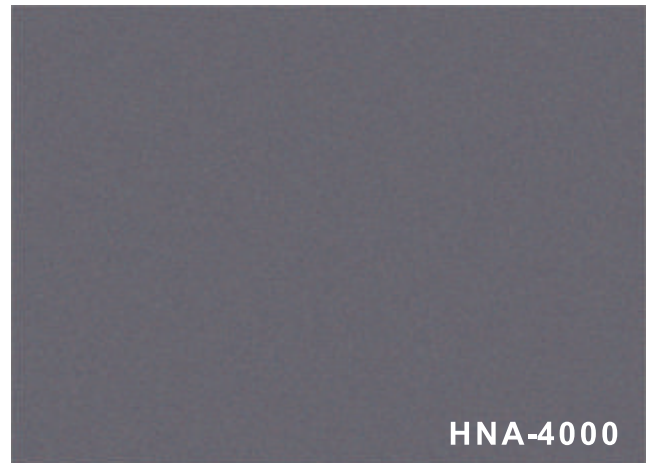
Roll Width : 1220mm
Roll Weight : 50 - 250 kg
Thickness Range : 0.50mm - 1.50mm
Core Size : 75mm

Other special sizes available on request. One side Graphite coating available on request.

Non-Asbestos Beater Facing Material

HNA-4000

Non Asbestos Cylinder Head Facing Material



SPECIFICATION DATA SHEET

Description

HNA-4000 is a heavy-duty cylinder head facing material that is used with both solid and perforated metal cores. It is non-asbestos material with Aramid Fibre, Nitrile Butadiene rubber binder and is compatible with most polymers used in bead printing processes. Max operating temperature upto 250°C.

S.NO.	PROPERTY		SPECIFICATIONS	TEST METHOD
1.	DENSITY	gm/cc	1.20 (min)	ASTM F-1315
2.	COMPRESSIBILITY	%	30 (max)	ASTM F- 36
	AT 350 kg/cm ² (5000 psi)			
3.	RECOVERY	%	20 (min)	ASTM F-36
4.	TENSILE STRENGTH	kg/cm ²	20 (min)	ASTM F-152
5.	FLUID RESISTANCE			
	ASTM OIL NO 3		-----	ASTM F-146
	THICKNESS INCREASE	%	20 (max)	
	WEIGHT INCREASE	%	55 (max)	
	ASTM FUEL B		-----	ASTM F-146
	THICKNESS INCREASE	%	10 (max)	
	WEIGHT INCREASE	%	40 (max)	
	GLYCOL/WATER 50/50		-----	ASTM F-146
	THICKNESS INCREASE	%	20 (max)	
	WEIGHT INCREASE	%	75 (max)	
6.	WEIGHT LOSS ON	%	18 (max)	ASTM F-495
	IGNITION AT 850°C			
7.	BINDER TYPE		Nitrile Butadiene	

Remarks & Related Data

Specification values determined by test methods required for ASTM F-104, TYPE 7 MATERIALS

Availability

Roll Width : 1220mm
Roll Weight : 50 - 250 kg
Thickness Range : 0.50mm - 1.50mm
Core Size : 75mm

Other special sizes available on request. One side Graphite coating available on request.

Non-Asbestos Soft Gasket Material

HYTITE-60

Non Asbestos Paper Gasket Material



SPECIFICATION DATA SHEET

Description

HYTITE-60 is a Cellulose fiber gasket material with NBR binder. It is a general purpose material for applications such as Oil/Fuel/Water areas, Carburetors, Gearboxes, Oil Pans, Material Handling Equipments, Chemical Pumps & Pipe Lines, Diesel Engines etc. Max operating temperature up to 150°C. Available in Yellow colour.

S.NO.	PROPERTY		SPECIFICATIONS	TEST METHOD
1.	DENSITY	gm/cc	0.90-1.05	ASTM F-1315
2.	COMPRESSIBILITY	%	25	ASTM F-36
	AT 70 kg/cm ² (1000 psi)			
3.	RECOVERY	%	35(min)	ASTM F-36
4.	TENSILE STRENGTH	kg/cm ²	100	ASTM F-152
5.	FLUID RESISTANCE			
	ASTM OIL NO 3		-----	ASTM F-146
	THICKNESS INCREASE	%	10 (max)	
	WEIGHT INCREASE	%	45 (max)	
	ASTM FUEL B		-----	ASTM F-146
	THICKNESS INCREASE	%	10 (max)	
	WEIGHT INCREASE	%	45 (max)	
	DISTILLED WATER		-----	ASTM F-146
	THICKNESS INCREASE	%	30 (max)	
	WEIGHT INCREASE	%	60 (max)	
6.	BINDER TYPE		Nitrile Butadine	

Remarks & Related Data

Specification values determined by test methods required for ASTM F-104, TYPE 3 MATERIALS

Availability

Roll Width : 1200mm
Roll Weight : 50 - 250 kg
Thickness Range : 0.30mm - 1.50mm
Core Size : 75mm

Other special sizes available on request. Anti stick coating on request.

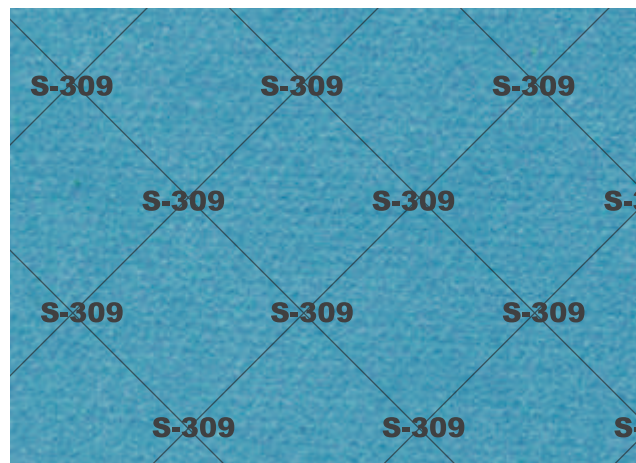
Non-Asbestos Soft Gasket Material



Aeroflex Sealing

S-309

Non Asbestos Cellulose Gasket Material



SPECIFICATION DATA SHEET

Description

S-309 it is a Cellulose fiber gasket material with SBR binder. it is a suitable replacement for asbestos fibre gasket materials, saturated paper and is used in many Oil & Coolant application in the market. This material is an economical alternative for soft gasket applications like Oil/Fuel/Water areas, Carburetors, Gearboxes, Oil Pans, Material Handling Equipments, Chemical Pumps & pipe Lines, Diesel Engines etc. Max operating temperature upto 150°C. Available in Blue colour.

S.NO.	PROPERTY		SPECIFICATIONS	TEST METHOD
1.	DENSITY	gm/cc	0.90-1.05	ASTM F-1315
2.	COMPRESSIBILITY	%	15-25	ASTM F-36
	AT 70 kg/cm ² (1000 psi)			
3.	RECOVERY	%	35 (min)	ASTM F-36
4.	TENSILE STRENGTH	kg/cm ²	100	ASTM F-152
5.	FLUID RESISTANCE			
	ASTM OIL NO 3		-----	ASTM F-146
	THICKNESS INCREASE	%	10 (max)	
	WEIGHT INCREASE	%	45 (max)	
	ASTM FUEL B		-----	ASTM F-146
	THICKNESS INCREASE	%	10 (max)	
	WEIGHT INCREASE	%	45 (max)	
	DISTILLED WATER		-----	ASTM F-146
	THICKNESS INCREASE	%	30 (max)	
	WEIGHT INCREASE	%	60 (max)	
6.	BINDER TYPE		Styrene Butadiene	

Remarks & Related Data

Specification values determined by test methods required for ASTM F-104, TYPE 3 MATERIALS

Availability

Roll Width : 1200mm
Roll Weight : 50 - 250 kg
Thickness Range : 0.30mm - 1.50mm
Core Size : 75mm

Other special sizes available on request. Anti stick coating on request.

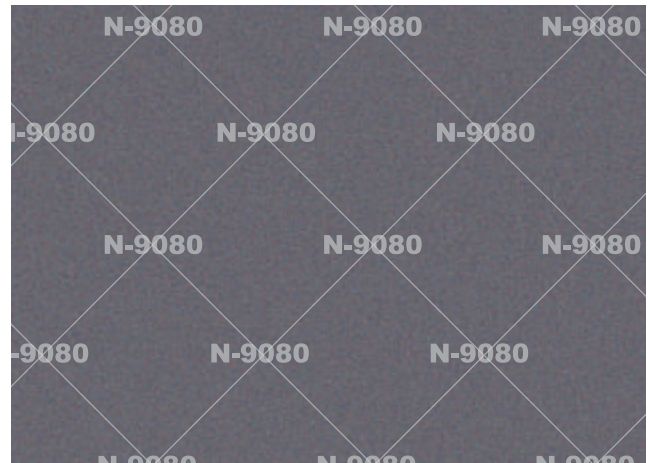
Non-Asbestos Soft Gasket Material



Aeroflex Sealing

N-9080

Non Asbestos Soft Gasket Material



SPECIFICATION DATA SHEET

Description

N-9080 is a mix of reinforced fibres & NBR compositions with outstanding sealing characteristics. This material is an economical alternative for soft gasket applications like Oil/Fuel/Water areas, Carburetors, Gearboxes, Oil Pans, Material Handling Equipments, Chemical Pumps & pipe Lines, Diesel Engines etc. Max operating temperature upto 150°C. Available in Grey colour.

S.NO.	PROPERTY		SPECIFICATIONS	TEST METHOD
1.	DENSITY	gm/cc	0.90-1.05	ASTM F-1315
2.	COMPRESSIBILITY	%	30 (max)	ASTM F-36
	AT70 kg/cm ² (1000 psi)			
3.	RECOVERY	%	35 (min)	ASTM F-36
4.	TENSILE STRENGTH	kg/cm ²	100 (min)	ASTM F-152
5.	FLUID RESISTANCE			
	ASTM OIL NO 3		-----	ASTM F-146
	THICKNESS INCREASE	%	10 (max)	
	WEIGHT INCREASE	%	45 (max)	
	ASTM FUEL B		-----	ASTM F-146
	THICKNESS INCREASE	%	10 (max)	
	WEIGHT INCREASE	%	45 (max)	
	GLYCOL WATER 50/50		-----	ASTM F-146
	THICKNESS INCREASE	%	30 (max)	
	WEIGHT INCREASE	%	60 (max)	
6.	BINDER TYPE		Nitrile Butadine	

Remarks & Related Data

Specification values determined by test methods required for ASTM F-104, TYPE 3 MATERIALS

Availability

Roll Width : 1200mm
Roll Weight : 50 - 250 kg
Thickness Range : 0.30mm - 1.50mm
Core Size : 75mm

Other special sizes available on request. Anti stick coating on request.

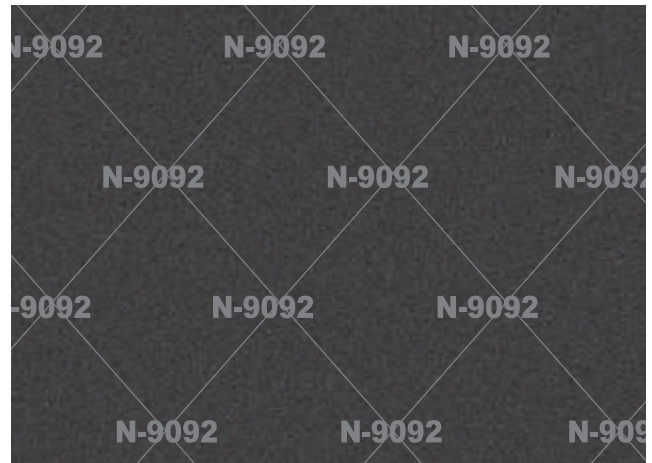
High Density Gasket Material



Aeroflex Sealing

N-9092

Non Asbestos Soft Gasket Material



SPECIFICATION DATA SHEET

Description

N-9092 it is a mix of reinforced fibres encapsulated with NBR for superior sealing properties with Oil, Fuel and Water and intended for applications with short duration. Maximum temperatures upto 180°C.

S.NO.	PROPERTY		SPECIFICATIONS	TEST METHOD
1.	DENSITY	gm/cc	1.20 (min)	ASTM F-1315
2.	COMPRESSIBILITY	%	30 (max)	ASTM F-36
	AT 350 kg/cm ² (5000 psi)			
3.	RECOVERY	%	35 (min)	ASTM F-36
4.	TENSILE STRENGTH	kg/cm ²	110 (min)	ASTM F-152
5.	FLUID RESISTANCE			
	ASTM OIL NO 3		-----	ASTM F-146
	THICKNESS INCREASE	%	20 (max)	
	WEIGHT INCREASE	%	45 (max)	
	ASTM FUEL B		-----	ASTM F-146
	THICKNESS INCREASE	%	20 (max)	
	WEIGHT INCREASE	%	45 (max)	
	GLYCOL WATER 50/50		-----	ASTM F-146
	THICKNESS INCREASE	%	20 (max)	
	WEIGHT INCREASE	%	40 (max)	
6.	BINDER TYPE		Nitrile Butadine	

Remarks & Related Data

Specification values determined by test methods required for ASTM F-104, TYPE 7 MATERIALS

Availability

Roll Width : 1200mm
Roll Weight : 50 - 250 kg
Thickness Range : 0.30mm - 1.50mm
Core Size : 75mm

Other special sizes available on request. Anti stick coating on request.

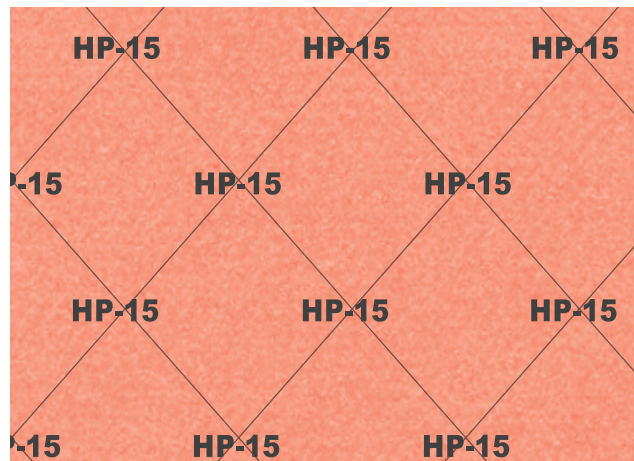
High Density Gasket Material



Aeroflex Sealing

HP-15

Heavy Duty Non-Asbestos Gasket Material



SPECIFICATION DATA SHEET

Description

HP-15 is a mix of synthetic/cellulose with high levels of special rubber binders. Primarily used in Compressors, Diesel Engines & other applications. It has excellent low flange pressure sealability and bolt torque retention. It is intended for applications with intermittent temperature up to 205°C.

S.NO.	PROPERTY		SPECIFICATIONS	TEST METHOD
1.	DENSITY	gm/cc	1.55 (min)	ASTM F-1315
2.	COMPRESSIBILITY	%	13-25	ASTM F- 36
	AT 350 kg/cm ² (5000 psi)			
3.	RECOVERY	%	40 (min)	ASTM F-36
4.	TENSILE STRENGTH	kg/cm ²	100 (min)	ASTM F-152
5.	FLUID RESISTANCE			
	ASTM OIL NO 3		-----	ASTM F-146
	THICKNESS INCREASE	%	10 (max)	
	WEIGHT INCREASE	%	20 (max)	
	ASTM FUEL B		-----	ASTM F-146
	THICKNESS INCREASE	%	10 (max)	
	WEIGHT INCREASE	%	20 (max)	
	GLYCOL WATER 50/50		-----	ASTM F-146
	THICKNESS INCREASE	%	20 (max)	
	WEIGHT INCREASE	%	30 (max)	
6.	CREEP RELAXATION		30 (max)	
7.	BINDER TYPE		Nitrile Butadiene	

Remarks & Related Data

Specification values determined by test methods required for ASTM F-104, TYPE 7 MATERIALS

Availability

Roll Width : 1200mm
Roll Weight : 50 - 250 kg
Thickness Range : 0.40mm - 1.50mm
Core Size : 75mm

Other special sizes available on request. Anti stick coating on request.

High Density Gasket Material



Aeroflex Sealing

Superflex-89

Non Asbestos Soft Gasket Material



SPECIFICATION DATA SHEET

Description

Superflex-89 it is a reinforced cellulose material with excellent compressibility, strength & sealability for coolant and oil applications. Available in green colour (Red & Grey colour on order). Maximum temperatures upto 190°C.

S.NO.	PROPERTY	SPECIFICATIONS	TEST METHOD
1.	DENSITY gm/cc	1.40 (min)	ASTM F-1315
2.	COMPRESSIBILITY % AT 350 kg/cm ² (5000 psi)	10-20	ASTM F-36
3.	RECOVERY %	40 (min)	ASTM F-36
4.	TENSILE STRENGTH kg/cm ²	90 (min)	ASTM F-152
5.	FLUID RESISTANCE		
	ASTM OIL NO 3	-----	ASTM F-146
	THICKNESS INCREASE %	10 (max)	
	WEIGHT INCREASE %	40 (max)	
	ASTM FUEL B	-----	ASTM F-146
	THICKNESS INCREASE %	10 (max)	
	WEIGHT INCREASE %	40 (max)	
	GLYCOL WATER 50/50	-----	ASTM F-146
	THICKNESS INCREASE %	20 (max)	
	WEIGHT INCREASE %	40 (max)	
6.	BINDER TYPE	Nitrile Butadiene	

Remarks & Related Data

Specification values determined by test methods required for ASTM F-104, TYPE 7 MATERIALS

Availability

Roll Width : 1200mm
Roll Weight : 50 - 250 kg
Thickness Range : 0.40mm - 1.50mm
Core Size : 75mm

Other special sizes available on request. Anti stick coating on request.

High Density Gasket Material



Aeroflex Sealing

CS-9813

Non Asbestos Gasket Material



SPECIFICATION DATA SHEET

Description

CS-9813 is a Controlled Swell Material. It is a blend of special fibres reinforced with cellulose and encapsulated with SBR binders. It conforms well to irregular flanges for water & oil applications with short duration and can withstand temperature upto 290°C.

S.NO.	PROPERTY		SPECIFICATIONS	TEST METHOD
1.	DENSITY	gm/cc	1.36(min)	ASTM F-1315
2.	COMPRESSIBILITY	%	12-25	ASTM F- 36
	AT 350 kg/cm ² (5000 psi)			
3.	RECOVERY	%	20 (min)	ASTM F- 36
4.	TENSILE STRENGTH	kg/cm ²	80 (min)	ASTM F-152
5.	CHANGE IN THICKNESS	%		ASTM F-146
6.	ASTM OIL NO 3		30 (min)	
	ASTM FUEL B		20 (min)	
7.	BINDER TYPE		Styrene Butadiene	

Remarks & Related Data

Specification values determined by test methods required for ASTM F-104, TYPE 7 MATERIALS

Availability

Roll Width : 1200mm
Roll Weight : 50 - 250 kg
Thickness Range : 0.40mm - 1.50mm
Core Size : 75mm

Other special sizes available on request. Anti stick coating on request.

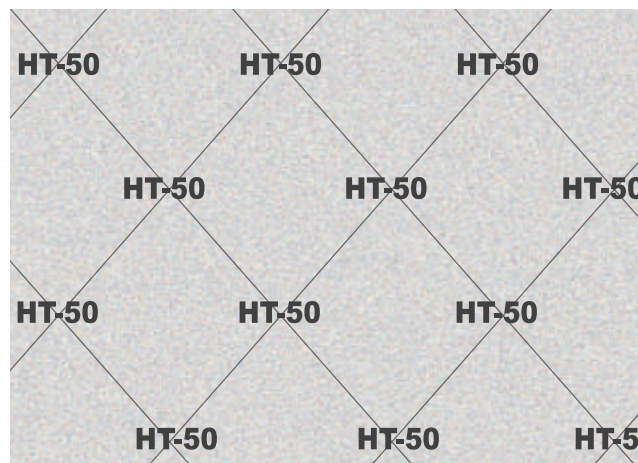
Non-Asbestos Heat Shield Gasket Material



Aeroflex Sealing

HT-50

Non-Asbestos Heat Shield/Filler Material



SPECIFICATION DATA SHEET

Description

HT-50 is a medium density material with good heat and flame resistance. It is intended for use as a general purpose insulating filler material in exhaust manifold and heat shield applications and can withstand a maximum temperature of 400°C.

S.NO.	PROPERTY		SPECIFICATIONS	TEST METHOD
1.	DENSITY	gm/cc	1.05-1.15	ASTM F-1315
2.	COMPRESSIBILITY	%	15 (max)	ASTM F- 36
	AT 70 kg/cm ² (1000 psi)			
3.	RECOVERY	%	20 (min)	ASTM F-36
4.	TENSILE STRENGTH	kg/cm ²	20 (min)	ASTM F-152
5.	LOSS ON IGNITION	%	18	ASTM F-433
	AT 600°C			
6.	MOISTURE CONTENT	%	2 (max)	

Remarks & Related Data

Specification values determined by test methods required for ASTM F-104, TYPE 3 MATERIALS

Availability

Roll Width : 1220mm

Roll Weight : 50 - 250 kg

Thickness Range : 0.50mm - 1.00mm in rolls

1.20mm - 1.50mm in sheets

Sheet Size : 1000mm x 1000mm, 1200mm x 1000mm

Other special sizes available on request.



www.aeroflexsealing.com

Aeroflex Sealing Material Mfg. Co.

(An ISO 9001-2015 certified Company)

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Data, Technical Specifications are subject to change without notice

Product Colour shown may change due to Printing