



## GASKET MATERIALS

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## QUIMFLEX SH 100% Expanded PTFE Sheet

### Application

QUIMFLEX SH is an all purpose gasket sheet that can replace all other types of PTFE sheet. It will seal all aggressive chemicals over the entire 0-14 pH range except for molten alkali metals and elemental fluorine. Made from 100% virgin PTFE, it not only resists chemical attack, but it will not contaminate or discolor end products.

Service Limits		
Type	Description	Value
Temperature	Minimum	-450°F (-268°C)
	Maximum	500°F (260°C) Continuous Short periods up to 600°F (350°C)
Color	White	
pH		0-14 (except molten alkali metals and elemental fluorine)
Available Sheet Sizes	Thicknesses	1/32", 1/16", 3/32", 1/8", 3/16", 1/4"
	Sheet Size	60" x 60"

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## TEALON™ TF1590

### Application

TEALON TF1590 is suitable for services with high pressures and temperature, especially in chemical processing and hydrocarbon plants in strong acids (except hydrofluoric), solvents, hydrocarbons, water, steam, and chlorine. The gasket material was tested to be in conformance per FDA CFR177.2260. TF1590 is listed by Chlorine Institute Pamphlet 95.

Service Limits		
Type	Description	Value
Temperature	Minimum	-350°F (-210°C)
	Maximum	500°F (260°C) Continuous Short periods up to 600°F (350°C)
Pressure	Maximum	1200 psig (83 bar)
Colour	Fawn	
pH Range	0-14	
P x T Max		350,000 (12,000) (1.5mm sheet)
		250,000 (8,600) (3.0mm sheet)
Available Sheet Sizes	Thicknesses	1/32", 1/16", 3/32", 1/8", 3/16", 1/4"
		Sheet Size

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## TEALON™ TF1580

### Application

TEALON TF1580 is suitable for services with general service in wide variety of fluids, strong caustics, moderate acids, chlorine, gases, water, steam, hydrocarbons, hydrogen and aluminum flouride. The gasket material was tested to be in conformance with FDA requirements per Method 21 CFR 177.2260. TF1580 is listed by Chlorine Institute Pamphlet 95.

Service Limits		
Type	Description	Value
Temperature	Minimum	-350°F (-210°C)
	Maximum	500°F (260°C)
Pressure	Maximum	1200 psig (83 bar)
Colour	Off-white	
pH Range	0-14	
P x T Max		350,000 (12,000) (1.5mm sheet) 250,000 (8,600) (3.0mm sheet)
Available Sheet Sizes	Thicknesses	1/32", 1/16", 3/32", 1/8", 3/16", 1/4"
	Sheet Size	62" x 62"

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## TEALON™ TF1570

### Application

TEALON TF1570 is suitable for service with a wide variety of aggressive fluids, including hydrocarbons, acids, solvents, water, steam, hydrogen-peroxide, refrigerants, etc. The high compressibility of this style makes it particularly suitable for use with stress sensitive and/or fragile flanged joints, e.g. glass, ceramics, plastic, etc. The gasket material was tested to be in conformance per FDA requirement Method 21 CFR177.2260.

Service Limits		
Type	Description	Value
Temperature	Minimum	-350°F (-210°C)
	Maximum	500°F (260°C)
Pressure	Maximum	800 psig (55 bar)
Colour	Blue	
pH Range	0-14	
P x T Max		350,000 (12,000) (1.5mm sheet) 250,000 (8,600) (3.0mm sheet)
Available Sheet Sizes	Thicknesses	1/32", 1/16", 3/32", 1/8", 3/16", 1/4"
	Sheet Size	62" x 62"

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## TEALON™ TF1510

### Application

TEALON TF1510 is suitable for service with a wide variety of aggressive fluids, including hydrocarbons, acids, solvents, water, steam, hydrogen-peroxide, refrigerants, etc. The high compressibility of this style makes it particularly suitable for use with stress sensitive and/or fragile flanged joints, e.g. glass, ceramics, plastic, etc. The gasket material was tested to be in conformance per FDA requirement Method 21 CFR177.2260.

Service Limits		
Type	Description	Value
Temperature	Minimum	-350°F (-210°C)
	Maximum	500°F (260°C)
Pressure	Maximum	800 psig (55 bar)
Colour	Blue	
pH Range	0-14	
P x T Max		350,000 (12,000) (1.5mm sheet)
		250,000 (8,600) (3.0mm sheet)
Available Sheet Sizes	Thicknesses	1/32", 1/16", 3/32", 1/8", 3/16", 1/4"
	Sheet Size	62" x 62"

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## NA-1000M Compressed Sheet with Aramid Fibers/Metal/NBR Binder

### Application

Style NA-1000M is a premium service gasket material that is ideally suited for applications with fluctuating pressures and temperatures. It has a broad range of applications in the process industries and in the water and wastewater industry. It is also commonly used in equipment such as pumps and valves. Style NA-1000M is suitable for service handling that following general media categories: mild inorganic acids; air; mild organic acids; industrial gases; aliphatic solvents; animal oils; diluted alkalis; synthetic oils; water; vegetable oils; brine; petroleum and derivatives.

Service Limits		
Type	Description	Value
Temperature	Maximum	720°F (380°C)
	Continuous Max	390°F (200°C)
Colour	Black	
Pressure Limits	Maximum	1450 psi (100 bar)
	Continuous Max	580 psi (40 bar)
Available Sheet Sizes	Thicknesses	1/32", 1/16", 3/32", 1/8"
	Sheet Size	59" x 63", 59" x 126", 118" x 126"

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## NA-1001 Compressed Sheet with Aramid Fibers

### Application

Style NA-1001 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 NA1001 is suitable for service handling the following general media categories: mild inorganic acids; mild organic acids; refrigerants; diluted alkalis; water; brine; aliphatic solvents; industrial gases; animal oils; synthetic oils; vegetable oils; petroleum and derivatives; general chemicals; neutral solutions; air.

Service Limits		
Type	Description	Value
Temperature	Minimum	750°F (400°C)
	Continuous Max	460°F (240°C)
Colour	Green, White or Blue	
Pressure Limits	Maximum	1595 psi (110 bar)
	Continuous Maximum	725 psi (50 bar)
Available Sheet Sizes	Thicknesses	1/64", 1/32", 1/16", 3/32", 1/8"
	Sheet Size	59" x 63", 59" x 126", 118" x 126"

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## NA-1076 Compressed Sheet with Aramid Fibers/Neoprene Binder

### Application

Style NA-1076 sheet is a good all purpose sheet that is specifically formulated to handle a broad range of refrigerants. In addition, Style 1076 is suitable for services handling water, saturated steam, oils, fuels, mild acids and alkalis.

Service Limits		
Type	Description	Value
Temperature	Minimum	-40°F (-40°C)
	Maximum	700°F (370°C)
	Continuous Max	392°F (200°C)
Colour	Black	
Pressure Limits	Maximum	Vacuum to 750 psi (50 bar)
Available Sheet Sizes	Thicknesses	1/64", 1/32", 1/16", 3/32", 1/8"
	Sheet Size	59" x 63", 59" x 126"

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## NA-1080 Compressed Sheet with Aramid Fibers/SBR Binder

### Application

Style NA-1080 has numerous applications in the process industries handling media like: mild acids and alkalis, water, brine, saturated steam, air, industrial gases, general chemicals, neutral solutions.

Service Limits		
Type	Description	Value
Temperature	Maximum	716°F (380°C)
	Continuous Max	490°F (270°C)
Colour	Off white	
Pressure Limits	Maximum	1015 psi (70 bar)
	Continuous Max	725 psi (50 bar)
Available Sheet Sizes	Thicknesses	From 1/64" to 1/8"
	Sheet Size	59" x 63", 59" x 126"

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## NA-1082SAN Sanitary Service Gasket Material

### Application

Style NA-1082SAN is developed to allow compliance for drinking water system components with NSF-61, from source to tap. Certification to NSF-61 provides assurance to the highest level that NA-1082SAN is safe for use in drinking water service.

### Isolation:

An additional benefit is that Style 1082SAN has a strong dielectric rating, making it ideal for isolation kit applications where compressed fiber sheet gaskets can be utilized.

Service Limits		
Type	Description	Value
Temperature	Maximum	725°F (400°C)
	Continuous Max	500°F (260°C)
Pressure Limits	Maximum	1595 psi (110 bar)
	Continuous Max	1160 psi (80 bar)
ASTM Line Call Out F104	F712120E12M5	
Colour	Blue	
Available Sheet Sizes	Thicknesses	From 1/64" to 1/8"
	Sheet Size	59" x 63", 59" x 126"

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## NA-1085 Compressed Sheet with Aramid Fibers/Hypalon Binder

### Application

Style NA-1085 is a severe service non-asbestos sheet that is specifically formulated to provide an effective seal against most acids in the process industries. This style is suitable for service handling the following general media categories: water; oxygenated solvents; brine; neutral solutions; saturated steam; refrigerants; air; general chemicals; industrial gases; diluted alkalis.

Service Limits		
Type	Description	Value
Temperature	Maximum	464°F (240°C)
	Continuous Max	362°F (200°C)
Colour	Cobalt Blue	
Pressure Limits	Maximum	1015 psi (70 bar)
	Continuous Max	725 psi (50 bar)
Available Sheet Sizes	Thicknesses	1/64", 1/32", 1/16", 3/32", 1/8"
	Sheet Size	59" x 63", 59" x 126"

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## NA-1090 Compressed Sheet with Inorganic Fibers/NBR Binder

### Application

NA-1090 is a general purpose Compressed Non-Asbestos sheet gasket material suitable for services with the following general media categories: mild inorganic acids; water; industrial gases; vegetable oils; neutral solutions; mild organic acids; brine; animal oils; petrol and derivatives; air; diluted alkalis; steam; synthetic oils; general chemicals.

Service Limits		
Type	Description	Value
Temperature	Maximum	750°F (400°C)
	Continuous Max	480°F (250°C)
Colour	Cobalt Blue	
Pressure Limits	Maximum	1560 psi (110 bar)
	Continuous Max	1140 psi (80 bar)
Available Sheet Sizes	Thicknesses	1/64", 1/32", 1/16", 3/32", 1/8"
	Sheet Size	59" x 63", 59" x 126"

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## NA-1092 Compressed Sheet with Aramid Fibers/Graphite/NBR

### Application

NA-1090 is a general purpose Compressed Non-Asbestos sheet gasket material suitable for services with the following general media categories: mild inorganic acids; water; industrial gases; vegetable oils; neutral solutions; mild organic acids; brine; animal oils; petrol and derivatives; air; diluted alkalis; steam; synthetic oils; general chemicals.

Service Limits		
Type	Description	Value
Temperature	Maximum	750°F (400°C)
	Continuous Max	518°F (270°C)
Colour	Cobalt Blue	
Pressure Limits	Maximum	1885 psi (130 bar)
	Continuous Max	1015 psi (70 bar)
Available Sheet Sizes	Thicknesses	1/64", 1/32", 1/16", 3/32", 1/8"
	Sheet Size	59" x 63", 59" x 126"

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## NA-1100 Compressed Sheet with Carbon Fibers/NBR Binder

### Application

Style NA-1100 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. NA-1100 is suitable for service handling the following general media categories: mild inorganic acids; mild organic acids; air; diluted alkalis; water; brine; saturated steam; industrial gases; animal oils; synthetic oils; vegetable oils; petroleum and derivatives; general chemicals; neutral solutions; refrigerants; aliphatic solvents.

Service Limits		
Type	Description	Value
Temperature	Maximum	840°F (450°C)
	Continuous Max	518°F (270°C)
Colour	Black	
Pressure Limits	Maximum	1900 psi (130 bar)
	Continuous Max	1000 psi (70 bar)
Available Sheet Sizes	Thicknesses	1/64", 1/32", 1/16", 3/32", 1/8"
	Sheet Size	59" x 63", 59" x 126", 118" x 126"

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## NA-1122 Premium Steam Sheet

### Application

Style NA-1122 was developed to have superior thermal stability in order to replace compressed asbestos gasket sheets in thermal cycling applications. It is specifically recommended for saturated and superheated steam applications. It is also suitable for sealing petroleum derivatives, ethanol, chemical products and general services. Field tests have proven the results found in our laboratories and have confirmed the higher performance of the NA-1122 compressed sheet.

Service Limits		
Type	Description	Value
Temperature	Maximum	1022°F
	Continuous Max	806°F
Colour	Black	
Pressure Limits	Maximum	2177 psi
	Continuous Max	1480 psi
Available Sheet Sizes	Thicknesses	From 1/64" to 1/4"
	Sheet Size	59" x 63", 59" x 126", 118" x 126"

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## 2660 Homogenous Flexible Graphite Sheet

### Application

Style 2660 flexible graphite sheet has pressure-temperature sealability capabilities that are far superior to all asbestos reinforced and non-asbestos reinforced sheet products. It is resistant to chemical attack by virtually all organic and inorganic fluids with the exception of concentrated, highly oxidizing acids. Gaskets cut from Style 2660 flexible graphite sheet seal with low to moderate bolt loads and because of very low creep relaxation, re-torquing is rarely required. Flexible graphite conforms to irregular flange sealing surfaces and readily flows into flange irregularities enabling it to seal both smooth and coarse surface finishes.

Service Limits		
Type	Description	Value
Temperature	Minimum	-328°F (-200°C)
	Maximum	840°F (250°C)
Pressure Limits		2000 psi
Available Sheet Sizes	Thicknesses	1/64", 1/32", 1/16", 1/8"
	Sheet Size	39.4" x 39.4"

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## 2661 Stainless Steel Flexible Graphite Sheet Foil Inserted

### Application

Style 2661 flexible graphite sheet has pressure-temperature sealability capabilities that are far superior to all asbestos reinforced and non-asbestos reinforced sheet products. It is resistant to chemical attack by virtually all organic and inorganic fluids with the exception of concentrated, highly oxidizing acids. Gaskets cut from Style 2661 flexible graphite sheet seal with low to moderate bolt loads and because of very low creep relaxation, re-torquing is rarely required. Flexible graphite conforms to irregular flange sealing surfaces and readily flows into flange irregularities enabling it to seal both smooth and coarse surface finishes.

Service Limits		
Type	Description	Value
Temperature	Minimum	-328°F (-200°C)
	Maximum	840°F (250°C)
Pressure Limits		2000 psi
Available Sheet Sizes	Thicknesses	1/64", 1/32", 1/16", 1/8"
	Sheet Size	39.4" x 39.4"

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## 2663 Flexible Graphite Sheet 316 ss Tang Inserted

### Application

Style 2663 flexible graphite sheet has pressure-temperature sealability capabilities that are far superior to all asbestos reinforced and non-asbestos reinforced sheet products. It is resistant to chemical attack by virtually all organic and inorganic fluids with the exception of concentrated, highly oxidizing acids. Gaskets cut from Style 2663 flexible graphite sheet seal with low to moderate bolt loads and because of very low creep relaxation, re-torquing is rarely required. Flexible graphite conforms to irregular flange sealing surfaces and readily flows into flange irregularities enabling it to seal both smooth and coarse surface finishes.

Service Limits		
Type	Description	Value
Temperature	Minimum	-328°F (-200°C)
	Maximum	840°F (250°C)
Pressure Limits		2000 psi
Available Sheet Sizes	Thicknesses	1/64", 1/32", 1/16", 1/8"
	Sheet Size	39.4" x 39.4"

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## 2664 Flexible Graphite Mylar Film Inserted

### Application

Style 2664 flexible graphite sheet has pressure-temperature sealability capabilities that are far superior to all asbestos reinforced and non-asbestos reinforced sheet products. It is resistant to chemical attack by virtually all organic and inorganic fluids with the exception of concentrated, highly oxidizing acids. Gaskets cut from Style 2664 flexible graphite sheet seal with low to moderate bolt loads and because of very low creep relaxation, re-torquing is rarely required. Flexible graphite conforms to irregular flange sealing surfaces and readily flows into flange irregularities enabling it to seal both smooth and coarse surface finishes.

Service Limits		
Type	Description	Value
Temperature	Minimum	-328°F (-200°C)
	Maximum	840°F (250°C)
Pressure Limits		2000 psi
Available Sheet Sizes	Thicknesses	1/64", 1/32", 1/16", 1/8"
	Sheet Size	39.4" x 39.4"

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## NA 1500 Virgin PTFE Sheet

### Application

Style NA1500 PTFE is a high molecular weight polymer and one of the most versatile plastics known to man. Style 1500 virgin PTFE sheet can handle virtually all chemicals in the 0-14 pH range with the exception of molten alkali metals and elemental fluorine. It is suitable for service at temperatures from the cryogenic range up to 500°F. This style is particularly recommended for applications in the food and beverage industry where high purity materials are required. It is also used where contamination or discoloration of flow media cannot be tolerated.

Service Limits		
Type	Description	Value
Temperature	Minimum	-328°F
	Maximum	500°F
Colour	White	
Available Sheet Sizes	Thicknesses	1/64", 1/32", 1/16", 3/32", 1/8", 3/16", 1/4"

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## NA 1525 25% Glass Filled PTFE

### Application

Style NA1525 PTFE is a high molecular weight polymer and one of the most versatile plastics known to man. This PTFE sheet is filled with 25% glass fibers by weight. The filled material significantly reduces cold flow and creep and increases wear resistance compared to unfilled PTFE sheet. It can handle a very broad range of chemicals with the exception of molten alkali metals and elemental fluorine. This style is suitable for service at temperatures from the cryogenic range up to 500°F.

Service Limits		
Type	Description	Value
Temperature	Minimum	-328°F
	Maximum	500°F
Colour	White	
Available Sheet Sizes	Thicknesses	1/64", 1/32", 1/16", 3/32", 1/8", 3/16", 1/4"

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## NA 1550 Mechanical Grade PTFE Sheet

### Application

Style NA1550 PTFE is a high molecular weight polymer and one of the most versatile plastics known to man. This sheet can handle virtually all chemicals in the 0-14 pH range with the exception of molten alkali metals and elemental fluorine. It is suitable for service at temperatures from the cryogenic range up to 500°F. This sheet is particularly recommended for applications in the industrial and process industries where high purity materials are not required. It is more economical than virgin PTFE sheet and the physical properties are only somewhat less than those of virgin PTFE.

Service Limits		
Type	Description	Value
Temperature	Minimum	-328°F
	Maximum	500°F
Colour	White	
Available Sheet Sizes	Thicknesses	1/64", 1/32", 1/16", 3/32", 1/8", 3/16", 1/4"

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