

SEALX

Fluid Sealing Specialist



A proud member of
Canadian Council for
ABORIGINAL
BUSINESS 

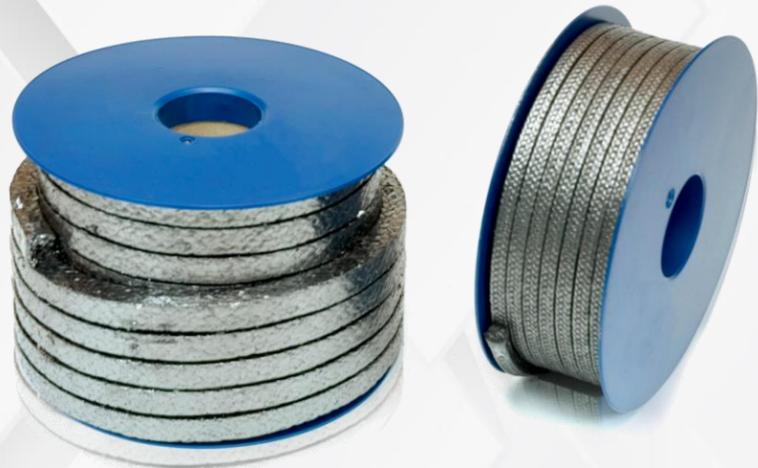
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Textile Solutions for Sealing

COMPONENTS

Seal X products have different components to suit different applications. The main components are:

- graphite fibres (providing extra chemical and thermal resistance).
- insulating glass and ceramic fibres (generally used for static thermo resistant seals);
- vegetal fibres, such as cotton, linen, ramie fibre and hemp (especially suited to applications with cold water and where hard-wearing qualities are required)
- synthetic fibres, such as ptfе, polyester, aramidic and acrylic fibres (suitable for producing packing with high resistance to chemicals and corrosive agents)
- metals, such as stainless steel, copper and inconel (used to strengthen the packing and thus increase its mechanical strength at high temperatures and pressures)
- lubricants and binders, essential when using packing as these must not attack the contact fluids or corrode the metals surrounding the packing or any metal in this, while at the same time eliminating friction. These products are suitable for a large range of applications according to your specific requirements.



CHARACTERISTICS

Depending on the end use, certain characteristics must be assessed:

- Flexibility.
- Elasticity and elastic return - to guarantee tightness under pressure.
- Homogeneity - acting as a guarantee of efficient service and longer life.
- Compact external surfaces - guaranteeing tightness while avoiding excessive tightening pressure and possible wear to the shaft.
- Impregnation to the heart - offering guaranteed tightness to improve efficiency and the value of the application.

APPLICATION

Seal X packing products are used to seal shafts, rods, and seats, to prevent the escape of gas or fluids. The main fields of application are:

- static seals (covers, frames, furnace doors, boilers);
- stem seals (valves);
- moving shaft seals (plunger pumps);
- rotating shafts (centrifugal pumps, mixers, stirrers);
- pumps.

Custom-made, for any application

Types of Rubber

Seal X can customize these products for a large range of applications to suit your specific needs:

- Natural Rubber
- Linatex
- S.B.R
- Neoprene
- Hypalon
- Heavy Hypalon
- Viton
- Chloro Butyl
- Silicone
- Other rubber
- Wide range of durometers

Other Products

Seal X has 5 Hydraulic Compression Molding Presses to meet all your requirements.

- > Wearable pump parts (Impellers, Gland & Suction Liners.)
- > 2X2 up to 10X8 SRL Parts
- > Drill parts
- > Locomotive suspension Parts
- > Check Valve Parts
- > Shotcrete Nozzles
- > Custom Rubber and Urethane Parts



Property	Method	Unit	Specification
Specific gravity	ASTM D792	g/cm ³	2,240 ± 0,02
Tensile strength	ASTM D4894	MPa	≥ 10
Elongation	ASTM D4894	%	≥ 300
Hardness	ASTM D2240	Shore D	≥ 60
Deformation under load (140 Kg/cm ² 24 hrs. At 23° C)	ASTM D621	%	7 - 8,5
Permanent deformation (after 24 hrs. Relaxation at 23° C)	ASTM D621	%	3 - 5
Coefficient of linear thermal expansion T= 25 - 100° C	ASTM D696	10 ⁻⁵ /°C	8 -12
Coefficient of static friction	ASTM D1894		0,17 – 0,19
Coefficient of dynamic friction	ASTM D1894		0,13 – 0,16
Volume resistivity	ASTM D257	Ohm cm	10 ¹⁵
Surface resistance	ASTM D257	Ohm cm	10 ¹⁴
Service Temperature		C°	-200/ +260
Flamability	UL 94	%	VE-0
Water absorption	ASTM D570	%	0,01

Features

Excellent resistance to deformation; excellent chemical stability; no ageing, no water absorption. Better thermal conductivity.

Applications

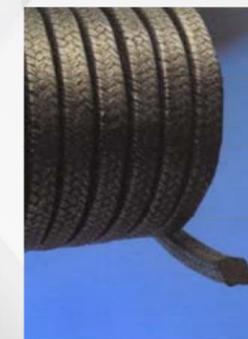
Bearings, seals, gaskets, moldings, valve seats, piston rings.

SX2602	1/32"	1/16"	1/8"
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Composition

PTFE

(*)				
T	°C	-50 +250		
p	bar	60	40	20
V	m/s	1,5	2	10
PH		4 ÷ 10		



Features

Braid packing specifically developed to replace graphite asbestos braid packing at a low price. Synthetic yarn is impregnated yarn-by-yarn with a special graphite powder, with the addition of a corrosion inhibitor and top quality lubricants.

Applications

Water; steam; oil; gas; piston pumps; centrifugal pumps; valves; suitable for the chemical and petrochemical industries, shipping, electricity power stations, cement works and oil refineries.

Composition

- Pre oxidized/synthetic yarn
- Graphite impregnation
- Lubricant

PACKING	SIZE (mm)	SIZE (inch)	LBS/BOX	FT/BOX	FT/LBS
SX9010	3,0	1/8"	2,2	304	137,9
SX9010	4,0	-	2,2	171	77,9
SX9010	5,0	3/16"	2,2	109	49,7
SX9010	6,0	-	5,5	190	34,5
SX9010	6,5	1/4"	5,5	162	29,4
SX9010	8,0	5/16"	5,5	107	19,4
SX9010	9,5	3/8"	5,5	76	13,8
SX9010	10,0	-	5,5	68	12,4
SX9010	11,0	7/16"	5,5	56	10,3
SX9010	12,0	-	5,5	47	8,6
SX9010	12,7	1/2"	5,5	42	7,7
SX9010	14,0	9/16"	11,0	70	6,3
SX9010	16,0	5/8"	11,0	53	4,8
SX9010	17,5	11/16"	11,0	45	4,1
SX9010	18,0	-	11,0	42	3,8
SX9010	19,0	3/4"	11,0	38	3,4
SX9010	22,0	7/8"	11,0	28	2,6
SX9010	25,5	1"	11,0	21	1,9

(*) Avoid the product's use at the maximum temperature and pressure associated without consulting the manufacturer

SX9011 Braided Packing

SX2601 Gasket

(*)				
T	°C	-100 +650		
p	bar	300	80	
V	m/s	1	1,5	
PH		0 ÷ 14		



Features

Braid packing made from a special pure graphite yarn reinforced with discontinuous metal micro-filament (made by Schappe), impregnated in three stages: first the individual yarns are impregnated with graphite paste plus a corrosion inhibitor, then on the surface with particles and flakes of fine graphite. Particularly suitable for seals in valves and especially wherever high resistance to temperature is required over a long period.

Applications

High temperatures; valve stems; suitable for the chemical industry, electricity power stations, nuclear power stations, the petrochemical industry and oil refineries.

Composition

- P.A.N graphite/Inconel micro filamen
- Pure graphite impregnation
- Inorganic corrosion inhibitor

PACKING	SIZE (mm)	SIZE (inch)	LBS/BOX	FT/BOX	FT/LBS
SX9011	3,0	1/8"	2,2	280,4	127,3
SX9011	4,0	-	2,2	157,7	71,6
SX9011	5,0	3/16"	2,2	100,9	45,8
SX9011	6,0	-	5,5	175,3	31,8
SX9011	6,5	1/4"	5,5	149,3	27,1
SX9011	8,0	5/16"	5,5	98,6	17,9
SX9011	9,5	3/8"	5,5	69,9	12,7
SX9011	10,0	-	5,5	63,1	11,5
SX9011	11,0	7/16"	5,5	52,1	9,5
SX9011	12,0	-	5,5	43,8	8,0
SX9011	12,7	1/2"	5,5	39,1	7,1
SX9011	14,0	9/16"	11,0	64,4	5,8
SX9011	16,0	5/8"	11,0	49,3	4,5
SX9011	17,5	11/16"	11,0	41,2	3,7
SX9011	18,0	-	11,0	38,9	3,5
SX9011	19,0	3/4"	11,0	35,0	3,2
SX9011	22,0	7/8"	11,0	26,1	2,4
SX9011	25,5	1"	11,0	19,4	1,8

(*) Avoid the product's use at the maximum temperature and pressure associated without consulting the manufacturer

Property	Method	Unit	Specification
Specific gravity	ASTM D792	g/cm ³	1,700 ± 0,02
Tensile strength	ASTM D4894	MPa	≥ 13
Elongation	ASTM D4894	%	≥ 200
Hardness	ASTM D2240	Shore D	≥ 54
Deformation under load (14 N/mm ² 24 hrs. At 23° C)	ASTM D621	%	8,5 - 10
Permanent deformation (after 24 hrs. Relaxation at 23° C)	ASTM D621	%	4 - 5,5
Coefficient of linear thermal expansion T= 25 - 100° C	ASTM D696	10 ⁻⁵ /°C	7,5 -13,5
Coefficient of static friction	ASTM D1894		0,16 – 0,18
Coefficient of dynamic friction	ASTM D1894		0,13 – 0,17
Volume resistivity	ASTM D257	Ohm cm	10 ¹⁶
Surface resistance	ASTM D257	Ohm cm	10 ¹⁵
Service Temperature		C°	-200/ +260
Flamability	UL 94	%	VE-0
Water absorption	ASTM D570	%	0,01

Features

Engineered shapes homogeneously blended with pure PTFE resins that do not wick.

Applications

Chemical, pulp and paper, food and beverage, acids, pharmaceutical.

Composition

Pure PTFE resins with inorganic fibres.

SX2601	1/32"	1/16"	1/8"
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Property	Method	Unit	Specification
Specific gravity	ASTM D792	g/ cm ³	2,220 – 2,260
Tensile strength	ASTM D4894	MPa	≥ 13
Elongation	ASTM D4894	%	≥ 180
Hardness	ASTM D2240	Shore D	≥ 60
Deformation under load (14N/mm ² , 24 h at 23° C.)	ASTM D621	%	10 - 11,5
Permanent deformation (after 24 hrs. Relaxation at 23° C)	ASTM D621	%	4,5 - 6
Coefficient of linear thermal expansion T= 25 - 100° C	ASTM D696	10 ⁻⁵ /°C	8 -12
Coefficient of static friction	ASTM D1894		0,17 – 0,19
Coefficient of dynamic friction	ASTM D1894		0,15 – 0,17
Volume Resistivity	ASTM D257	Ohm cm	10 ¹⁵
Surface Resistance	ASTM D257	Ohm	10 ¹⁴
Service Temperature		C°	-200 / +260
Flamability	UL 94		V-0
Water absorption	ASTM D570	%	0,01

Features

Improved compression and wear resistance; excellent chemical stability; no ageing, no water absorption. Better thermal conductivity.

Applications

Pneumatic, hydraulic and mechanical parts, Bearings, Seals, Gaskets.

SX2600	1/32"	1/16"	1/8"
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Composition

PTFE

(*)				
T	°C	-100 +650		
p	bar	200	20	40
V	m/s	1,5	2	25
PH		0 ÷ 14		



Features

Graphite braid packing has the great advantage of not hardening or vitrifying at high temperatures. This packing minimizes friction on the axes and has high heat dispersal, is treated with a special solution based on extremely pure graphite powder plus a corrosion inhibitor.

Applications

Valve stems; supply pumps; chemical products, apart from strong oxidants. Suitable for water treatment plant, the chemical industry, electricity power stations, nuclear power stations, the petrochemical industry and oil refineries.

Composition

- Graphite yarn
- Graphite powder impregnation
- Corrosion inhibitor

PACKING	SIZE (mm)	SIZE (inch)	LBS/BOX	FT/BOX	FT/LBS
SX9012	3,0	1/8"	2,2	280	127,3
SX9012	4,0	-	2,2	158	71,6
SX9012	5,0	3/16"	2,2	101	45,8
SX9012	6,0	-	5,5	175	31,8
SX9012	6,5	1/4"	5,5	149	27,1
SX9012	8,0	5/16"	5,5	99	17,9
SX9012	9,5	3/8"	5,5	70	12,7
SX9012	10,0	-	5,5	63	11,5
SX9012	11,0	7/16"	5,5	52	9,5
SX9012	12,0	-	5,5	44	8,0
SX9012	12,7	1/2"	5,5	39	7,1
SX9012	14,0	9/16"	5,0	64	5,8
SX9012	16,0	5/8"	5,0	49	4,5
SX9012	17,5	11/16"	5,0	41	3,7
SX9012	18,0	-	5,0	39	3,5
SX9012	19,0	3/4"	5,0	35	3,2
SX9012	22,0	7/8"	5,0	26	2,4
SX9012	25,0	1"	5,0	19	1,8

(*) Avoid the product's use at the maximum temperature and pressure associated without consulting the manufacturer

SX9013 Braided Packing

SX2214 Gasket

(*)			
T °C	-100 +650		
p bar	200	20	40
V m/s	1	3	30
PH	0 ÷ 14		



Features

Graphite braid packing with a high carbon content (99%), twisted and doubled with several ends for the production of a highly flexible packing that withstands stress and bending, without losing volume or crystallizing at high temperatures. Our top quality yarns receive pre-treatment with special dispersed graphite mixes during production with the addition of corrosion inhibitors. Due to its low content of chlorides, this packing is recommended for applications in the nuclear

Applications

High temperatures; valves; suitable for the chemical industry, nuclear power stations, electricity power stations, the petrochemical industry, water treatment plant and boilers.

Composition

- Graphite microfiber yarn purity > 99.5 %
- Graphite impregnation
- Corrosion inhibitor

PACKING	SIZE (mm)	SIZE (inch)	LBS/BOX	FT/BOX	FT/LBS
SX9013	3,0	1/8"	2,2	405	183,9
SX9013	4,0	-	2,2	228	103,4
SX9013	5,0	3/16"	2,2	146	66,2
SX9013	6,0	-	5,5	253	46,0
SX9013	6,5	1/4"	5,5	216	39,2
SX9013	8,0	5/16"	5,5	142	25,9
SX9013	9,5	3/8"	5,5	101	18,3
SX9013	10,0	-	5,5	91	16,6
SX9013	11,0	7/16"	5,5	75	13,7
SX9013	12,0	-	5,5	63	11,5
SX9013	12,7	1/2"	5,5	57	10,3
SX9013	14,0	9/16"	5,0	93	8,4
SX9013	16,0	5/8"	5,0	71	6,5
SX9013	17,5	11/16"	5,0	60	5,4
SX9013	18,0	-	5,0	56	5,1
SX9013	19,0	3/4"	5,0	50	4,6
SX9013	22,0	7/8"	5,0	38	3,4
SX9013	25,5	1"	5,0	28	2,5

(*) Avoid the product's use at the maximum temperature and pressure associated without consulting the manufacturer

Max. working pressure	MPa	13	
Max. working temperature	°C	Continual	400 steam350
		Peak	450
Application : water,water vapor, vapor, gas, oil, alcohol, fuel, basic chemicals, cooling liquid			
TECHNICALS PARAMETERS			Corresponding standard
DENSITY	g.cm ³	1,7-2,0	DIN28090-2
RESIDUAL STRESS* 16h/175/300C	MPa	32/25	DIN52913
RESIDUAL STRESS* 16h/300°C		25	BS7531
COMPRESSIBILITY	%	5-15	ASTM F36-J
RECOVERY	%	60	ASTM F36-J
SPECLEAKAGE RATE	mg/(sm)	0,02	DIN3535-6
FLUID RESISTANCE THICKNESS CHANGE			
ASTM OIL - RM 903, CSN ISO 1817 5 h/150°C	%	3	ASTM F 146
ASTM FUEL B - CSN ISO 1817 5 h/23°C	%	5	ASTM F 146
FLEXIBILITY	no cracks and breaks		ASTM F 147
COLOR AND PRINTING	BLUE-branded on one side		
			SX2214
			FA-MAZ
			F 712 122
			GRADE AX

Features

Unique sheet jointing material for high temperature applications, based upon a HNBR binding system. The product is formulated using the highest quality ingredients to ensure the outstanding properties of the finished gaskets.

Applications

Water, water vapour, vapour, gas, oil, alcohol, fuel, basic chemicals, cooling liquid.

Composition

PTFE

SX2214	1/32"	1/16"	1/8"
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Max. working pressure	MPa	4		
Max. working temperature	°C	Continual	150	steam 130
		Peak	200	
Application: acid, hydroxid, oil, cooling liquid, basic chemicals				
TECHNICALS PARAMETERS				Corresponding standard
DENSITY	g.cm ⁻³	1,7 – 2,1	DIN 28 090 - 2	
RESIDUAL STRESS* 16 h/175 °C ≈	MPa	20	DIN 52 913	
COMPRESSIBILITY	%	5 – 15	ASTM F 36 – J	
RECOVERY min.	%	50	ASTM F 36 – J	
SPEC. LEAKAGE RATE ≈	mg/(s.m)	0,1	DIN 3535 – 6	
FLUID RESISTANCE – THICKNESS CHANGE				
SULPHURIC ACID 96% max.	%	16	-	
HYDROGEN CHLORIDE 36% max.	%	15	-	
NITRIC ACID 50% max.	%	7	-	
FLEXIBILITY	no craks and breaks		ASTM F 147	
COLOR AND PRINTING	GREY – branded on one side			
		SX2213		
	DIN 28 091 – 2	FA-A-4Z-0		
	ASTM F 104	F 712 122 M5		

Testing acc. to TP 62-085-10

Features

Premium quality of compressed gasket sheet material based on a blend of fibres with a special acid resistant binding system.

Applications

Acid, hydroxid, oil, cooling liquid, basic chemicals.

Composition

Blend of fibres with special acid resisting binding system.

SX2213	1/32"	1/16"	1/8"
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(*)				
T	°C	-100 +280		
p	bar	350	250	70
V	m/s	1,5	3	25
PH		3 ÷ 12		



Features

Braid packing consisting of fluorpack® yarns reinforced on the corners with pure kevlar® yarns with diagonal interweaving. This combination improves the mechanical resistance of the braid packing and its resistance to extrusion and high pressures.

Applications

Pumps; piston pumps; centrifugal pumps; stirrers; valves; centrifuges; acids; oils; solvents; abrasive substances; waste water; hot water; suitable for paper mills, the food industry, the chemical and petrochemical industries, water treatment plant and boilers.

Composition

- DUPONT KEVLAR® yarn silicon lubricated
- GFO® GORE-TEX yarn silicon lubricated

PACKING	SIZE (mm)	SIZE (inch)	LBS/BOX	FT/BOX	FT/LBS
SX9015	3,0	1/8"	2,2	243	110,3
SX9015	4,0	-	2,2	137	62,1
SX9015	5,0	3/16"	2,2	87	39,7
SX9015	6,0	-	5,5	152	27,6
SX9015	6,5	1/4"	5,5	129	23,5
SX9015	8,0	5/16"	5,5	85	15,5
SX9015	9,5	3/8"	5,5	61	11,0
SX9015	10,0	-	5,5	55	9,9
SX9015	11,0	7/16"	5,5	45	8,2
SX9015	12,0	-	5,5	38	6,9
SX9015	12,7	1/2"	5,5	34	6,2
SX9015	14,0	9/16"	11,0	56	5,1
SX9015	16,0	5/8"	11,0	43	3,9
SX9015	17,5	11/16"	11,0	36	3,2
SX9015	18,0	-	11,0	34	3,1
SX9015	19,0	3/4"	11,0	30	2,8
SX9015	22,0	7/8"	11,0	23	2,1
SX9015	25,5	1"	11,0	17	1,5

(*) Avoid the product's use at the maximum temperature and pressure associated without consulting the manufacturer

(*)				
T	°C	-100 +650		
p	bar	300		
V	m/s	1		
PH		0 ÷ 14		



Features

Braid packing consisting of graphite yarn reinforced with continuous metal filaments yarns. Specifically designed for valve seals, it is impregnated yarn-by-yarn, on the finished packing and in its surface with nonorganic corrosion inhibitors.

Applications

Pumps; piston pumps; centrifugal pumps; stirrers; valves; centrifuges; acids; oils; solvents; abrasive substances; waste water; hot water; suitable for paper mills, the food industry, the chemical and petrochemical industries, water treatment plant and boilers.

Composition

- Graphite yarn
- Inconel filament
- Graphite powder impregnation
- Passive corrosion inhibitor

PACKING	SIZE (mm)	SIZE (inch)	LBS/BOX	FT/BOX	FT/LBS
SX9016	3,0	1/8"	2,2	260	118,2
SX9016	4,0	-	2,2	146	66,5
SX9016	5,0	3/16"	2,2	94	42,6
SX9016	6,0	-	5,5	163	29,6
SX9016	6,5	1/4"	5,5	139	25,2
SX9016	8,0	5/16"	5,5	92	16,6
SX9016	9,5	3/8"	5,5	65	11,8
SX9016	10,0	-	5,5	59	10,6
SX9016	11,0	7/16"	5,5	48	8,8
SX9016	12,0	-	5,5	41	7,4
SX9016	12,7	1/2"	5,5	36	6,6
SX9016	14,0	9/16"	11,0	60	5,4
SX9016	16,0	5/8"	11,0	46	4,2
SX9016	17,5	11/16"	11,0	38	3,5
SX9016	18,0	-	11,0	36	3,3
SX9016	19,0	3/4"	11,0	32	2,9
SX9016	22,0	7/8"	11,0	24	2,2
SX9016	25,5	1"	11,0	18	1,6

(*) Avoid the product's use at the maximum temperature and pressure associated without consulting the manufacturer

Max. working pressure	MPa	10		
Max. working temperature	°C	Continual	250	steam 220
		Peak	350	
Application: water, water vapour, gas, oil, alcohol, fuel, basic chemicals				
TECHNICALS PARAMETERS				Corresponding standard
DENSITY	g.cm ⁻³	1,7 – 2,0	DIN 28 090 - 2	
RESIDUAL STRESS* 16 h/175 °C ≈	MPa	32	DIN 52 913	
COMPRESSIBILITY	%	6 – 10	ASTM F 36 – J	
RECOVERY min.	%	55	ASTM F 36 – J	
SPEC. LEAKAGE RATE ≈	mg/(s.m)	0,05	DIN 3535 – 6	
FLUID RESISTANCE – THICKNESS CHANGE				
ASTM OIL - IRM 903, ČSN ISO 1817 5 h/150 °C ≈	%	2	ASTM F 146	
ASTM FUEL B - ČSN ISO 1817 5 h/23 °C ≈	%	4	ASTM F 146	
FLEXIBILITY	no cracks and breaks		ASTM F 147	
COLOR AND PRINTING	BLACK – branded on one side			
			SX2211	
		DIN 28 091 – 2	FA-AZ-1-0	
		ASTM F 104	F 712 110 M6	

Testing acc. to TP 62-085-10

Features

Non-asbestos gasketing sheet which combines graphite powder reinforced with aramid fibres and a low content of rubber binder system.

Applications

Water, water vapour, gas, oil, alcohol, fuel, basic chemicals.

Composition

Graphite powder, aramid fibres.

SX2211	1/32"	1/16"	1/8"
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Max. working pressure	MPa	14		
Max. working temperature	°C	Continual	250	steam 200
		Peak	450	
Application: water, water vapour, gas, oil, alcohol, fuel, basic chemicals				
TECHNICALS PARAMETERS				Corresponding standard
DENSITY	g.cm ⁻³	1,8 – 2,2	DIN 28 090 - 2	
RESIDUAL STRESS* 16 h/175 °C ≈	MPa	34	DIN 52 913	
COMPRESSIBILITY	%	5 – 15	ASTM F 36 – J	
RECOVERY min.	%	50	ASTM F 36 – J	
SPEC. LEAKAGE RATE ≈	mg/(s.m)	0,04	DIN 3535 – 6	
FLUID RESISTANCE – THICKNESS CHANGE				
ASTM OIL - IRM 903, ČSN ISO 1817 5 h/150 °C max.	%	4	ASTM F 146	
ASTM FUEL B - ČSN ISO 1817 5 h/23 °C max.	%	5	ASTM F 146	
FLEXIBILITY	no cracks and breaks		ASTM F 147	
COLOR AND PRINTING	GREEN – branded on one side			
			SX2210	
	DIN 28 091 – 2		FA-AM-1-ST	
	ASTM F 104		F 712 111 M7	

Testing acc. to TP 62-085-10

Features

High quality jointing material that is metal reinforced and incorporates a blend of heat resistant aramid fibres with a special NBR rubber binding system.

Applications

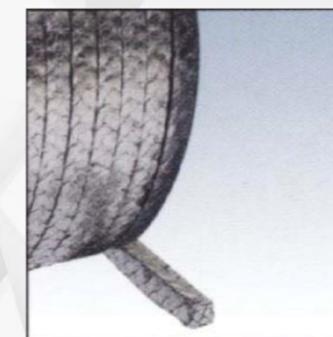
Water, water vapour, gas, oil, alcohol, fuel, basic chemicals.

SX2210	1/32"	1/16"	1/8"
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Composition

Heat resistant aramid fibres and NBR rubber.

(*)				
T	°C	-100 +650		
p	bar	300		
V	m/s	1		
PH		0 ÷ 14		



Features

Braid packing consisting of 99,9% pure, flexible, expanded graphite inconel reinforced; it has all the features of the pure graphite+ inconel packing at an economically favourable price. Extremely easy to use.

Applications

High temperatures; valve stems; suitable for the chemical industry, electricity power stations, nuclear power stations, the petrochemical industry and oil refineries.

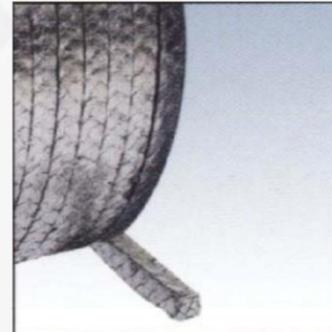
Composition

- Expanded graphite purity 98.0%
- Inconel filaments
- Inhibitor of corrosion

PACKING	SIZE (mm)	SIZE (inch)	LBS/BOX	FT/BOX	FT/LBS
SX9020	3,0	1/8"	2,2	280	127,3
SX9020	4,0	-	2,2	158	71,6
SX9020	5,0	3/16"	2,2	101	45,8
SX9020	6,0	-	5,5	175	31,8
SX9020	6,5	1/4"	5,5	149	27,1
SX9020	8,0	5/16"	5,5	99	17,9
SX9020	9,5	3/8"	5,5	70	12,7
SX9020	10,0	-	5,5	63	11,5
SX9020	11,0	7/16"	5,5	52	9,5
SX9020	12,0	-	5,5	44	8,0
SX9020	12,7	1/2"	5,5	39	7,1
SX9020	14,0	9/16"	11,0	64	5,8
SX9020	16,0	5/8"	11,0	49	4,5
SX9020	17,5	11/16"	11,0	41	3,7
SX9020	18,0	-	11,0	39	3,5
SX9020	19,0	3/4"	11,0	35	3,2
SX9020	22,0	7/8"	11,0	26	2,4
SX9020	25,5	1"	11,0	19	1,8

(*) Avoid the product's use at the maximum temperature and pressure associated without consulting the manufacturer

(*)				
T	°C	-100 +650		
p	bar	300		
V	m/s	1		
PH		0 ÷ 13		



Features

Braid packing consisting of 99.9% pure, flexible, expanded graphite; it has all the features of the pure graphite packing at an economically favourable price. Extremely easy to use.

Applications

Valve stems, feed pumps, chemicals with the exception of strong oxidizers, suitable for water treatment, chemical industries, electrical power stations, nuclear power stations, petrol industry, and refineries.

Composition

- Pure mineral expanded graphite fiber C > 99%
- Chloride < 50 ppm
- Fluoride < 10 ppm
- Density 1.1 – 1.2 gr/cm³
- Ash content < 1 %

PACKING	SIZE (mm)	SIZE (inch)	LBS/BOX	FT/BOX	FT/LBS
SX9021	3,0	1/8"	2,2	280,4	127,3
SX9021	4,0	-	2,2	157,7	71,6
SX9021	5,0	3/16"	2,2	100,9	45,8
SX9021	6,0	-	5,5	175,3	31,8
SX9021	6,5	1/4"	5,5	149,3	27,1
SX9021	8,0	5/16"	5,5	98,6	17,9
SX9021	9,5	3/8"	5,5	69,9	12,7
SX9021	10,0	-	5,5	63,1	11,5
SX9021	11,0	7/16"	5,5	52,1	9,5
SX9021	12,0	-	5,5	43,8	8,0
SX9021	12,7	1/2"	5,5	39,1	7,1
SX9021	14,0	9/16"	11,0	64,4	5,8
SX9021	16,0	5/8"	11,0	49,3	4,5
SX9021	17,5	11/16"	11,0	41,2	3,7
SX9021	18,0	-	11,0	38,9	3,5
SX9021	19,0	3/4"	11,0	35,0	3,2
SX9021	22,0	7/8"	11,0	26,1	2,4
SX9021	25,5	1"	11,0	19,4	1,8

(*) Avoid the product's use at the maximum temperature and pressure associated without consulting the manufacturer

Max. working pressure	MPa	14		
Max. working temperature	°C	Continual	330	steam 250
		Peak	450	
Application: water, water vapour, vapour, gas, oil, alcohol, fuel, basic chemicals				
TECHNICALS PARAMETERS				Corresponding standard
DENSITY	g.cm ⁻³	1,9 – 2,2	DIN 28 090 - 2	
RESIDUAL STRESS* 16 h/175 °C ≈	MPa	32	DIN 52 913	
COMPRESSIBILITY	%	5 – 15	ASTM F 36 – J	
RECOVERY	min. %	55	ASTM F 36 – J	
SPEC. LEAKAGE RATE ≈	mg/(s.m)	0,04	DIN 3535 – 6	
FLUID RESISTANCE – THICKNESS CHANGE				
ASTM OIL - IRM 903, ČSN ISO 1817 5 h/150 °C max.	%	3	ASTM F 146	
ASTM FUEL B - ČSN ISO 1817 5 h/23 °C max.	%	5	ASTM F 146	
FLEXIBILITY	no cracks and breaks		ASTM F 147	
COLOR AND PRINTING	LIGHT BLUE – branded on one side			
			SX2209	
	DIN 28 091 – 2		FA-M-1-ST	
	ASTM F 104		F 712 111 M7	

Testing acc. to TP 62-085-10

Features

Special temperature resisting fibres and NBR that is reinforced with a wire insertion as the standard.

Applications

Water, water vapour, vapour, gas, oil, alcohol, fuel, basic chemicals.

Composition

Special temperature resisting fibres and NBR.

SX2209	1/32"	1/16"	1/8"
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Max. working pressure	MPa	12	
Max. working temperature	°C	Continual	250
		Peak	400
Application: water, water vapour, gas, oil, alcohol, fuel, basic chemicals			
TECHNICALS PARAMETERS			Corresponding standard
DENSITY	g.cm ⁻³	1,9 – 2,2	DIN 28 090 - 2
RESIDUAL STRESS* 16 h/175 °C ≈	MPa	32	DIN 52 913
COMPRESSIBILITY	%	5 – 15	ASTM F 36 – J
RECOVERY min.	%	50	ASTM F 36 – J
SPEC. LEAKAGE RATE ≈	mg/(s.m)	0,08	DIN 3535 – 6
FLUID RESISTANCE – THICKNESS CHANGE			
ASTM OIL - IRM 903, ČSN ISO 1817 5 h/150 °C max.	%	3	ASTM F 146
ASTM FUEL B - ČSN ISO 1817 5 h/23 °C max.	%	5	ASTM F 146
FLEXIBILITY	no cracks and breaks		ASTM F 147
COLOR AND PRINTING	BLACK (both sides graphited) – branded on one side		
		SX2208	
	DIN 28 091 – 2	FA-MA-1-ST	
	ASTM F 104	F 712 111 M7	

Testing acc. to TP 62-085-10

Features

Special temperature resisting fibres and NBR. Easy to cut due to its flexibility and smooth surface.

Applications

Water, water vapour, gas, oil, alcohol, fuel, basic chemicals.

SX2208	1/32"	1/16"	1/8"
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Composition

Temperature resisting fibres/NBR.

(*)				
T	°C	-100 +250		
p	bar	100	80	30
V	m/s	1	2	20
PH		3 ÷ 12		



Features

Braid packing consisting of discontinuous fibre aramidic yarn with diagonal interweaving, impregnated with dispersed ptfe at 40% or over plus an inert lubricant. This braid packing is impregnated in three stages: the individual yarn, during braiding and the surface.

Applications

High pressure; speed; water; oil; grease; weak acid and alkalis; abrasive fluids; chemical products; steams; solvents; petrol by-products; centrifugal pumps; piston pumps; stirrers; mixers; suitable for paper mills; sugar industry; electricity power stations; the chemical and petrochemical industry and water treatment plant.

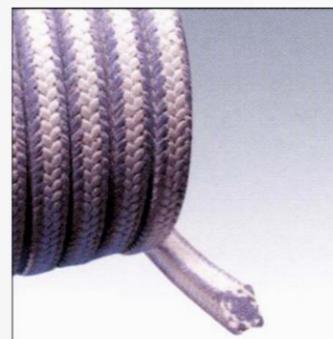
Composition

- Discontinuous aramidic fiber yarn
- PTFE impregnation
- Lubricant silicon free

PACKING	SIZE (mm)	SIZE (inch)	LBS/BOX	FT/BOX	FT/LBS
SX9030	3,0	1/8"	2,2	243	110,3
SX9030	4,0	-	2,2	137	62,1
SX9030	5,0	3/16"	2,2	87	39,7
SX9030	6,0	-	5,5	152	27,6
SX9030	6,5	1/4"	5,5	129	23,5
SX9030	8,0	5/16"	5,5	85	15,5
SX9030	9,5	3/8"	5,5	61	11,0
SX9030	10,0	-	5,5	55	9,9
SX9030	11,0	7/16"	5,5	45	8,2
SX9030	12,0	-	5,5	38	6,9
SX9030	12,7	1/2"	5,5	34	6,2
SX9030	14,0	9/16"	11,0	56	5,1
SX9030	16,0	5/8"	11,0	43	3,9
SX9030	17,5	11/16"	11,0	36	3,2
SX9030	18,0	-	11,0	34	3,1
SX9030	19,0	3/4"	11,0	30	2,8
SX9030	22,0	7/8"	11,0	23	2,1
SX9030	25,5	1"	11,0	17	1,5

(*) Avoid the product's use at the maximum temperature and pressure associated without consulting the manufacturer

(*)				
T	°C	-50 +250		
p	bar	60	40	20
V	m/s	1,5	2	10
PH		4 ÷ 10		



Features

Stuffing box packing with exclusive interweaving using aramidic yarns and pbi® twisted yarns on the corners. This packing is impregnated in three stages: the individual yarn, the ply and during braiding. Good dimensional stability and stability.

Applications

Piston pumps; centrifugal pumps; low pressure valves; static seals on covers; mixers; reactors; sea water; suitable for the food industry and paper mills.

Composition

- Discontinuous aramidic fibre yarn
- PBI fibre yarn on corners
- PTFE impregnation
- Lubricant

PACKING	SIZE (mm)	SIZE (inch)	LBS/BOX	FT/BOX	FT/LBS
SX9031	3,0	1/8"	2,2	243	110,3
SX9031	4,0	-	2,2	137	62,1
SX9031	5,0	3/16"	2,2	87	39,7
SX9031	6,0	-	5,5	152	27,6
SX9031	6,5	1/4"	5,5	129	23,5
SX9031	8,0	5/16"	5,5	85	15,5
SX9031	9,5	3/8"	5,5	61	11,0
SX9031	10,0	-	5,5	55	9,9
SX9031	11,0	7/16"	5,5	45	8,2
SX9031	12,0	-	5,5	38	6,9
SX9031	12,7	1/2"	5,5	34	6,2
SX9031	14,0	9/16"	11,0	56	5,1
SX9031	16,0	5/8"	11,0	43	3,9
SX9031	17,5	11/16"	11,0	36	3,2
SX9031	18,0	-	11,0	34	3,1
SX9031	19,0	3/4"	11,0	30	2,8
SX9031	22,0	7/8"	11,0	23	2,1
SX9031	25,5	1"	11,0	17	1,5

(*) Avoid the product's use at the maximum temperature and pressure associated without consulting the manufacturer

Max. working pressure	MPa	13		
Max. working temperature	°C	Continual	250	steam 250
		Peak	450	
Application: water, water vapour, gas, oil, alcohol, fuel, basic chemicals				
TECHNICALS PARAMETERS				Corresponding standard
DENSITY	g.cm ⁻³	1,8 – 2,1	DIN 28 090 - 2	
RESIDUAL STRESS* 16 h/175 °C ≈	MPa	34	DIN 52 913	
COMPRESSIBILITY	%	5 – 15	ASTM F 36 – J	
RECOVERY min.	%	55	ASTM F 36 – J	
SPEC. LEAKAGE RATE ≈	mg/(s.m)	0,06	DIN 3535 – 6	
FLUID RESISTANCE – THICKNESS CHANGE				
ASTM OIL - IRM 903, ČSN ISO 1817 5 h/150 °C max.	%	3	ASTM F 146	
ASTM FUEL B - ČSN ISO 1817 5 h/23 °C max.	%	5,5	ASTM F 146	
FLEXIBILITY	no cracks and breaks		ASTM F 147	
COLOR AND PRINTING	BLACK – branded on one side			
	DIN 28 091 – 2			
	ASTM F 104			
	SX2207 FA-CA-1-ST F 712 110 M7			

Testing acc. to TP 62-085-10

Features

Premium quality carbon fibre reinforced material with a high quality nitrile rubber binder.

Applications

Water, water vapour, gas, oil, alcohol, fuel, basic chemicals.

Composition

Carbon fibre, nitrile rubber binder.

SX2207	1/32"	1/16"	1/8"
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Max. working pressure	MPa	10		
Max. working temperature	°C	Continual	250	steam 250
		Peak	450	
Application: water, water vapour, gas, oil, alcohol, fuel, basic chemicals				
TECHNICALS PARAMETERS				Corresponding standard
DENSITY	g.cm ⁻³	1,6 – 1,9	DIN 28 090 - 2	
RESIDUAL STRESS* 16 h/175 °C ≈	MPa	32	DIN 52 913	
COMPRESSIBILITY	%	5 – 15	ASTM F 36 – J	
RECOVERY min.	%	50	ASTM F 36 – J	
SPEC. LEAKAGE RATE ≈	mg/(s.m)	0,05	DIN 3535 – 6	
FLUID RESISTANCE – THICKNESS CHANGE				
ASTM OIL - IRM 903, ČSN ISO 1817 5 h/150 °C max.	%	3	ASTM F 146	
ASTM FUEL B - ČSN ISO 1817 5 h/23 °C max.	%	5	ASTM F 146	
FLEXIBILITY	no cracks and breaks		ASTM F 147	
COLOR AND PRINTING	BLACK – branded on one side			
			SX2206	
	DIN 28 091 – 2		FA-CA-1-0	
	ASTM F 104		F 712 110 M6	

Testing acc. to TP 62-085-10

Features

Premium grade compressed sheet that is excellent in steam and hydrocarbon services in the refining, petrochemical and power generation industries.

Applications

Water, water vapour, gas, oil, alcohol, fuel, basic chemicals.

SX2206	1/32"	1/16"	1/8"
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Composition

Carbon/NBR.

(*)				
T	°C	-100 +300		
p	bar	100	100	50
V	m/s	1,5	2	15
PH		2 ÷ 12		



Features

Braid packing consisting of discontinuous aramidic yarn, treated yarn by-yarn with high purity graphite powder, plus inert lubricant and corrosion inhibitor, with diagonal interweaving.

Applications

Valves and high speeds; static seals; reciprocating motion; abrasive liquids; water; chemical products and light caustic substances; suitable for water treatment plant, electricity power stations and the chemical and petrochemical industries.

Composition

- Discontinuous aramidic yarns
- Graphite based compound impregnation

PACKING	SIZE (mm)	SIZE (inch)	LBS/BOX	FT/BOX	FT/LBS
SX9032	3,0	1/8"	2,2	331	150,5
SX9032	4,0	-	2,2	186	84,6
SX9032	5,0	3/16"	2,2	119	54,2
SX9032	6,0	-	5,5	207	37,6
SX9032	6,5	1/4"	5,5	176	32,0
SX9032	8,0	5/16"	5,5	117	21,2
SX9032	9,5	3/8"	5,5	83	15,0
SX9032	10,0	-	5,5	75	13,5
SX9032	11,0	7/16"	5,5	62	11,2
SX9032	12,0	-	5,5	52	9,4
SX9032	12,7	1/2"	5,5	46	8,4
SX9032	14,0	9/16"	11,0	76	6,9
SX9032	16,0	5/8"	11,0	58	5,3
SX9032	17,5	11/16"	11,0	49	4,4
SX9032	18,0	-	11,0	46	4,2
SX9032	19,0	3/4"	11,0	41	3,8
SX9032	22,0	7/8"	11,0	31	2,8
SX9032	25,5	1"	11,0	23	2,1

(*) Avoid the product's use at the maximum temperature and pressure associated without consulting the manufacturer

(*)				
T	°C	-50 +250		
p	bar	60	40	20
V	m/s	1,5	2	10
PH		4 ÷ 10		



Features

Braid packing consisting of continuous aramid yarn, impregnated with dispersed PTFE and a lubricant, inflammable and heat-stable; this packing does not stain, has a low friction factor and dissipates the heat generated by the peripheral speed when used with centrifugal pumps.

Applications

Steam; water treatment; airlocks; low pressure valves; expanding joints; solvents; piston shafts; steam; light acids; alkalis; oil; universal use, except with oxygen, strong alkalis and oxidants; suitable for paper mills, the petrochemical and chemical industries and electricity power stations.

Composition

- Continuous aramid fibers
- PTFE impregnation
- Lubricant silicon free

PACKING	SIZE (mm)	SIZE (inch)	LBS/BOX	FT/BOX	FT/LBS
SX9035	3,0	1/8"	2,2	243	110,3
SX9035	4,0	-	2,2	137	62,1
SX9035	5,0	3/16"	2,2	87	39,7
SX9035	6,0	-	5,5	152	27,6
SX9035	6,5	1/4"	5,5	129	23,5
SX9035	8,0	5/16"	5,5	85	15,5
SX9035	9,5	3/8"	5,5	61	11,0
SX9035	10,0	-	5,5	55	9,9
SX9035	11,0	7/16"	5,5	45	8,2
SX9035	12,0	-	5,5	38	6,9
SX9035	12,7	1/2"	5,5	34	6,2
SX9035	14,0	9/16"	11,0	56	5,1
SX9035	16,0	5/8"	11,0	43	3,9
SX9035	17,5	11/16"	11,0	36	3,2
SX9035	18,0	-	11,0	34	3,1
SX9035	19,0	3/4"	11,0	30	2,8
SX9035	22,0	7/8"	11,0	23	2,1
SX9035	25,5	1"	11,0	17	1,5

(*) Avoid the product's use at the maximum temperature and pressure associated without consulting the manufacturer

Max. working pressure	MPa	13		
Max. working temperature	°C	Continual	250	steam 200
		Peak	450	
Application: water, water vapour, gas, oil, alcohol, fuel, basic chemicals				
TECHNICALS PARAMETERS				Corresponding standard
DENSITY	g.cm ⁻³	1,6 – 1,9	DIN 28 090 - 2	
RESIDUAL STRESS* 16 h/175 °C ≈	MPa	32	DIN 52 913	
COMPRESSIBILITY	%	5 – 15	ASTM F 36 – J	
RECOVERY	min. %	50	ASTM F 36 – J	
SPEC. LEAKAGE RATE ≈	mg/(s.m)	0,03	DIN 3535 – 6	
FLUID RESISTANCE – THICKNESS CHANGE				
ASTM OIL - IRM 903, ČSN ISO 1817 5 h/150 °C max.	%	3	ASTM F 146	
ASTM FUEL B - ČSN ISO 1817 5 h/23 °C max.	%	5	ASTM F 146	
FLEXIBILITY	no cracks and breaks		ASTM F 147	
COLOR AND PRINTING	GREEN – branded on one side SX2205 DIN 28 091 – 2 FA-AM-1-0 ASTM F 104 F 712 111 M6			

Testing acc. to TP 62-085-10

Features

A high quality gasket material containing high strength aramid and inorganic fibers bonded with SBR rubber.

Applications

Water, water vapour, gas, oil, alcohol, fuel, basic chemicals.

Composition

Aramid-inorganic/SBR.

SX2205	1/32"	1/16"	1/8"
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Max. working pressure	MPa	12		
Max. working temperature	°C	Continual	330	steam 250
		Peak	450	
Application: water, water vapour, vapour, gas, oil, alcohol, fuel, basic chemicals				
TECHNICALS PARAMETERS				Corresponding standard
DENSITY	g.cm ⁻³	1,7 – 2,0	DIN 28 090 - 2	
RESIDUAL STRESS* 16 h/175 °C ≈	MPa	32	DIN 52 913	
COMPRESSIBILITY	%	5 – 15	ASTM F 36 – J	
RECOVERY min.	%	55	ASTM F 36 – J	
SPEC. LEAKAGE RATE ≈	mg/(s.m)	0,04	DIN 3535 – 6	
FLUID RESISTANCE – THICKNESS CHANGE				
ASTM OIL - IRM 903, ČSN ISO 1817 5 h/150 °C max.	%	3	ASTM F 146	
ASTM FUEL B - ČSN ISO 1817 5 h/23 °C max.	%	5	ASTM F 146	
FLEXIBILITY	no cracks and breaks		ASTM F 147	
COLOR AND PRINTING	LIGHT BLUE – branded on one side			
	SX2204			
	DIN 28 091 – 2	FA-M-1-0		
	ASTM F 104	F 712 111 M6		

Testing acc. to TP 62-085-10

Features

High quality general service gasket material for use in a wide range of services in pulp and paper, food ,beverage, pharmaceutical, chemical, refinery, gas pipeline, and general industry.

Applications

Water, water vapour, vapour, gas, oil, alcohol, fuel, basic chemicals.

SX2204	1/32"	1/16"	1/8"
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Composition

Aramid-inorganic, NBR.

(*)				
T	°C	-200 +280		
p	bar	300	200	50
V	m/s	1,5	2	25
PH		0 ÷ 14		



Features

The advantage of this yarn is to combine the benefits of PTFE and graphite. Through encapsulating the graphite in expanded PTFE we avoid the graphite to escape and therewith eliminate the thermal expansion that is so common to all PTFE packing.

Applications

Particularly suitable for centrifugal pumps and low pressure valves. It is excellent packing for general use in all fluids, except in strong oxidizers such as oleum, fuming nitric acid, aqua regia and fluorine.

Composition

- PTFE + GRAPHITE+SILICON yarn

PACKING	SIZE (mm)	SIZE (inch)	LBS/BOX	FT/BOX	FT/LBS
SX9040	3,0	1/8"	2,2	228	103,4
SX9040	4,0	-	2,2	128	58,2
SX9040	5,0	3/16"	2,2	82	37,2
SX9040	6,0	-	5,5	142	25,9
SX9040	6,5	1/4"	5,5	121	22,0
SX9040	8,0	5/16"	5,5	80	14,5
SX9040	9,5	3/8"	5,5	57	10,3
SX9040	10,0	-	5,5	51	9,3
SX9040	11,0	7/16"	5,5	42	7,7
SX9040	12,0	-	5,5	36	6,5
SX9040	12,7	1/2"	5,5	32	5,8
SX9040	14,0	9/16"	11,0	52	4,7
SX9040	16,0	5/8"	11,0	40	3,6
SX9040	17,5	11/16"	11,0	33	3,0
SX9040	18,0	-	11,0	32	2,9
SX9040	19,0	3/4"	11,0	28	2,6
SX9040	22,0	7/8"	11,0	21	1,9
SX9040	25,5	1"	11,0	16	1,4

(*) Avoid the product's use at the maximum temperature and pressure associated without consulting the manufacturer

(*)				
T	°C	-200 +280		
p	bar	300	200	50
V	m/s	1,5	2	25
PH		0 ÷ 14		



Features

Braid packing consisting of expanded GFO® gore ptfе yarns with encapsulated graphite particles. This structure offers a low friction factor and dissipates the heat of the pumps without hardening the braid packing itself.

Applications

Centrifugal pumps; low pressure valves; oil; solvents; acids and alkalis; as a gasket seal for all products with the exception of oleum, fuming nitric acid, turpentine and fluorine; suitable for paper mills, the chemical and petrochemical industries, water treatment plants and boilers.

Composition

- GFO® GORE-TEX yarn

PACKING	SIZE (mm)	SIZE (inch)	LBS/BOX	FT/BOX	FT/LBS
SX9041	3,0	1/8"	2,2	243	110,3
SX9041	4,0	-	2,2	137	62,1
SX9041	5,0	3/16"	2,2	87	39,7
SX9041	6,0	-	5,5	152	27,6
SX9041	6,5	1/4"	5,5	129	23,5
SX9041	8,0	5/16"	5,5	85	15,5
SX9041	9,5	3/8"	5,5	61	11,0
SX9041	10,0	-	5,5	55	9,9
SX9041	11,0	7/16"	5,5	45	8,2
SX9041	12,0	-	5,5	38	6,9
SX9041	12,7	1/2"	5,5	34	6,2
SX9041	14,0	9/16"	11,0	56	5,1
SX9041	16,0	5/8"	11,0	43	3,9
SX9041	17,5	11/16"	11,0	36	3,2
SX9041	18,0	-	11,0	34	3,1
SX9041	19,0	3/4"	11,0	30	2,8
SX9041	22,0	7/8"	11,0	23	2,1
SX9041	25,5	1"	11,0	17	1,5

(*) Avoid the product's use at the maximum temperature and pressure associated without consulting the manufacturer

Max. working pressure	MPa	12		
Max. working temperature	°C	Continual	250	steam 200
		Peak	400	
Application: water, water vapour, gas, oil, alcohol, fuel, basic chemicals				
TECHNICALS PARAMETERS				Corresponding standard
DENSITY	g.cm ⁻³	1,9 – 2,2	DIN 28 090 - 2	
RESIDUAL STRESS* 16 h/175 °C ≈	MPa	32	DIN 52 913	
COMPRESSIBILITY	%	5 – 15	ASTM F 36 – J	
RECOVERY min.	%	50	ASTM F 36 – J	
SPEC. LEAKAGE RATE ≈	mg/(s.m)	0,08	DIN 3535 – 6	
FLUID RESISTANCE – THICKNESS CHANGE				
ASTM OIL - IRM 903, ČSN ISO 1817 5 h/150 °C max.	%	3	ASTM F 146	
ASTM FUEL B - ČSN ISO 1817 5 h/23 °C max.	%	5	ASTM F 146	
FLEXIBILITY	no cracks and breaks		ASTM F 147	
COLOR AND PRINTING	BLACK (both sides graphited) – branded on one side SX2203 DIN 28 091 – 2 FA-MA-1-ST ASTM F 104 F 712 111 M7			

Testing acc. to TP 62-085-10

Features

Inorganic fiber gasketing offers excellent thermal stability with minimal weight loss. Reduced creep relaxation and improved torque retention provide optimal sealability.

Applications

Water, water vapour, gas, oil, alcohol, fuel, basic chemicals.

Composition

Inorganic fibers with a nitrile binder.

SX2203	1/32"	1/16"	1/8"
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Max. working pressure	MPa	10		
Max. working temperature	°C	Continual	250	steam 200
		Peak	400	
Application: water, water vapour, gas, oil, alcohol, fuel, basic chemicals				
TECHNICALS PARAMETERS				Corresponding standard
DENSITY	g.cm ⁻³	1,7 – 2,0	DIN 28 090 - 2	
RESIDUAL STRESS* 16 h/175 °C ≈	MPa	30	DIN 52 913	
COMPRESSIBILITY	%	5 – 15	ASTM F 36 – J	
RECOVERY min.	%	50	ASTM F 36 – J	
SPEC. LEAKAGE RATE ≈	mg/(s.m)	0,06	DIN 3535 – 6	
FLUID RESISTANCE – THICKNESS CHANGE				
ASTM OIL - IRM 903, ČSN ISO 1817 5 h/150 °C max.	%	3	ASTM F 146	
ASTM FUEL B - ČSN ISO 1817 5 h/23 °C max.	%	5	ASTM F 146	
FLEXIBILITY	no cracks and breaks		ASTM F 147	
COLOR AND PRINTING	BLUE – branded on one side SX2202 DIN 28 091 – 2 FA-MA-1-0 ASTM F 104 F 712 111 M5			

Testing acc. to TP 62-085-10

Features

Extremely high pH range. Can be used in process piping and equipment in chemical, pulp and paper, general industrial applications.

Applications

Water, water vapour, gas, oil, alcohol, fuel, basic chemicals.

SX2202	1/32"	1/16"	1/8"
--------	-------	-------	------

Composition

Phenolic/NBR.

(*)				
T	°C	-100 +250		
p	bar	90	60	15
V	m/s	2	1,5	12
PH		2 ÷ 12		



Features

Braid packing consisting of synthetic, discontinuous yarn (polyimide) lubricated in three stages: on the individual yarn, the ply and the braiding with dispersed PTFE. A universal packing for paper mills, offering the following characteristics: high mechanical strength, low friction factor, does not stain, non-polluting, good resistance to chemicals and easy to install.

Applications

Suitable for paper mills.

Composition

- Synthetic yarn
- PTFE impregnation
- Lubricant

PACKING	SIZE (mm)	SIZE (inch)	LBS/BOX	FT/BOX	FT/LBS
SX9053	3,0	1/8"	2,2	243	110,3
SX9053	4,0	-	2,2	137	62,1
SX9053	5,0	3/16"	2,2	87	39,7
SX9053	6,0	-	5,5	152	27,6
SX9053	6,5	1/4"	5,5	129	23,5
SX9053	8,0	5/16"	5,5	85	15,5
SX9053	9,5	3/8"	5,5	61	11,0
SX9053	10,0	-	5,5	55	9,9
SX9053	11,0	7/16"	5,5	45	8,2
SX9053	12,0	-	5,5	38	6,9
SX9053	12,7	1/2"	5,5	34	6,2
SX9053	14,0	9/16"	11,0	56	5,1
SX9053	16,0	5/8"	11,0	43	3,9
SX9053	17,5	11/16"	11,0	36	3,2
SX9053	18,0	-	11,0	34	3,1
SX9053	19,0	3/4"	11,0	30	2,8
SX9053	22,0	7/8"	11,0	23	2,1
SX9053	25,5	1"	11,0	17	1,5

(*) Avoid the product's use at the maximum temperature and pressure associated without consulting the manufacturer

(*)				
T	°C	-50 +120		
p	bar	100	60	25
V	m/s	1,5	2	10
PH		4 ÷ 11		



Features

Braid packing consisting of ramie fibre yarn, impregnated yarn-by-yarn with pure dispersed PTFE and treated with a special inert lubricant. A pasty packing that does not stick to the shafts and is easily adjusted. Excellent resistance to fuels, oil, greases, saline water and solvents.

Applications

Pumps; piston pumps; suitable for the food industry (beer production), paper mills, oil refineries and sugar factories.

Composition

- Ramie Yarn
- Dispersion of PTFE
- Lubricant

PACKING	SIZE (mm)	SIZE (inch)	LBS/BOX	FT/BOX	FT/LBS
SX9059	3,0	1/8"	2,2	260	118,2
SX9059	4,0	-	2,2	146	66,5
SX9059	5,0	3/16"	2,2	94	42,6
SX9059	6,0	-	5,5	163	29,6
SX9059	6,5	1/4"	5,5	139	25,2
SX9059	8,0	5/16"	5,5	92	16,6
SX9059	9,5	3/8"	5,5	65	11,8
SX9059	10,0	-	5,5	59	10,6
SX9059	11,0	7/16"	5,5	48	8,8
SX9059	12,0	-	5,5	41	7,4
SX9059	12,7	1/2"	5,5	36	6,6
SX9059	14,0	9/16"	11,0	60	5,4
SX9059	16,0	5/8"	11,0	46	4,2
SX9059	17,5	11/16"	11,0	38	3,5
SX9059	18,0	-	11,0	36	3,3
SX9059	19,0	3/4"	11,0	32	2,9
SX9059	22,0	7/8"	11,0	24	2,2
SX9059	25,5	1"	11,0	18	1,6

(*) Avoid the product's use at the maximum temperature and pressure associated without consulting the manufacturer

Max. working pressure	MPa	6		
Max. working temperature	°C	Continual	220	steam 180
		Peak	250	
Application: water, water vapour, gas, oil, alcohol, basic chemicals				
TECHNICALS PARAMETERS				Corresponding standard
DENSITY	g.cm ⁻³	1,6 – 2,0	DIN 28 090 - 2	
RESIDUAL STRESS* 16 h/175 °C ≈	MPa	20	DIN 52 913	
COMPRESSIBILITY	%	5 – 15	ASTM F 36 – J	
RECOVERY min.	%	45	ASTM F 36 – J	
SPEC. LEAKAGE RATE ≈	mg/(s.m)	0,06	DIN 3535 – 6	
FLUID RESISTANCE – THICKNESS CHANGE				
ASTM OIL - IRM 903, ČSN ISO 1817 5 h/150 °C max.	%	5	ASTM F 146	
ASTM FUEL B - ČSN ISO 1817 5 h/23 °C max.	%	5	ASTM F 146	
FLEXIBILITY	no cracks and breaks		ASTM F 147	
COLOR AND PRINTING	GREEN – branded on one side			
			SX2201	
	DIN 28 091 – 2		FA-MA-1-0	
	ASTM F 104		F 712 111 M4	

Testing acc. to TP 62-085-10

Features

Unique blend of aramid fibers, fillers and a neoprene rubber binder provides improved torque retention and drastically lowered emissions levels.

Applications

Water, water vapour, gas, oil, alcohol, basic chemicals.

Composition

Aramid fibers with a neoprene binder.

SX2201	1/32"	1/16"	1/8"
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Max. working pressure	MPa	4	
Max. working temperature	°C	Continual	140 steam 120
		Peak	210
Application: water, gas, oil, alcohol, basic chemicals			
TECHNICALS PARAMETERS			Corresponding standard
DENSITY	g.cm ⁻³	1,7 – 2,1	DIN 28 090 - 2
RESIDUAL STRESS* 16 h/175 °C ≈	MPa	20	DIN 52 913
COMPRESSIBILITY	%	5 – 15	ASTM F 36 – J
RECOVERY min.	%	50	ASTM F 36 – J
SPEC. LEAKAGE RATE ≈	mg/(s.m)	0,1	DIN 3535 – 6
FLUID RESISTANCE – THICKNESS CHANGE			
ASTM OIL - IRM 903, ČSN ISO 1817 5 h/150 °C max.	%	15	ASTM F 146
ASTM FUEL B - ČSN ISO 1817 5 h/23 °C max.	%	15	ASTM F 146
FLEXIBILITY	no cracks and breaks		ASTM F 147
COLOR AND PRINTING	YELLOW – branded on one side		
	DIN 28 091 – 2 SX 2200		
	ASTM F 104 FA-Z-12-0		
	F 712 120 M4		

Testing acc. to TP 62-085-10

Features

Creates compressive load in light weight flanges in oil and water service, is more compressible than standard fiber gaskets and seals with low load, it performs well in flanges that might crush an elastomer gasket, is more universal than gaskets that swell in oil only.

Applications

Water, gas, oil, alcohol, basic chemicals.

SX2200	1/32"	1/16"	1/8"
--------	-------	-------	------

Composition

Synthetic fiber sheet with a proprietary rubber binder.

(*)				
T	°C	-100 +250		
p	bar	100	80	50
V	m/s	1,5	2	15
PH		2 ÷ 12		



Features

Braid packing specifically developed to replace asbestos at a low price. With universal usage, it is made from synthetic yarns impregnated with PTFE and inert lubricants during braiding. Very flexible and elastic, it adapts well to stuffing boxes, is nonpolluting and does not stain.

Applications

Piston pumps; centrifugal pumps; valves; suitable for the petrochemical and chemical industries, electricity power stations, paper mills, sugar factories and the food industry.

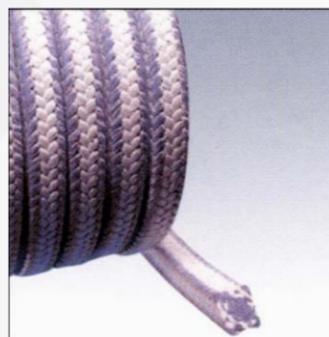
Composition

- Polyester synthetic fiber
- PTFE impregnation
- Lubricant

PACKING	SIZE (mm)	SIZE (inch)	LBS/BOX	FT/BOX	FT/LBS
SX9060	3,0	1/8"	2,2	280	127,3
SX9060	4,0	-	2,2	158	71,6
SX9060	5,0	3/16"	2,2	101	45,8
SX9060	6,0	-	5,5	175	31,8
SX9060	6,5	1/4"	5,5	149	27,1
SX9060	8,0	5/16"	5,5	99	17,9
SX9060	9,5	3/8"	5,5	70	12,7
SX9060	10,0	-	5,5	63	11,5
SX9060	11,0	7/16"	5,5	52	9,5
SX9060	12,0	-	5,5	44	8,0
SX9060	12,7	1/2"	5,5	39	7,1
SX9060	14,0	9/16"	11,0	64	5,8
SX9060	16,0	5/8"	11,0	49	4,5
SX9060	17,5	11/16"	11,0	41	3,7
SX9060	18,0	-	11,0	39	3,5
SX9060	19,0	3/4"	11,0	35	3,2
SX9060	22,0	7/8"	11,0	26	2,4
SX9060	25,5	1"	11,0	19	1,8

(*) Avoid the product's use at the maximum temperature and pressure associated without consulting the manufacturer

(*)			
T	°C	260	
p	bar	60	25
V	m/s	2	15
PH		1 ÷ 13	



Features

This braided packing is manufactured with synthetic phenolic yarns. These fibres show the mechanical strength of the aramid fiber and the chemical inertia and low friction factor almost like the PTFE fibres. To achieve the best results every single strand of this packing is impregnated with PTFE and with a special silicone free lubricant.

Applications

SX9062 is suitable for centrifugal and reciprocating pumps, mixers, refiners. It is compatible with weak acids and alkalis, water, steam and solvents. Avoid sulphuric and nitric acids and strong alkalis.

Composition

- Phenolic synthetic yarn
- PTFE impregnation
- Lubricant

PACKING	SIZE (mm)	SIZE (inch)	LBS/BOX	FT/BOX	FT/LBS
SX9062	3,0	1/8"	2,2	260	118,2
SX9062	4,0	-	2,2	146	66,5
SX9062	5,0	3/16"	2,2	94	42,6
SX9062	6,0	-	5,5	163	29,6
SX9062	6,5	1/4"	5,5	139	25,2
SX9062	8,0	5/16"	5,5	92	16,6
SX9062	9,5	3/8"	5,5	65	11,8
SX9062	10,0	-	5,5	59	10,6
SX9062	11,0	7/16"	5,5	48	8,8
SX9062	12,0	-	5,5	41	7,4
SX9062	12,7	1/2"	5,5	36	6,6
SX9062	14,0	9/16"	11,0	60	5,4
SX9062	16,0	5/8"	11,0	46	4,2
SX9062	17,5	11/16"	11,0	38	3,5
SX9062	18,0	-	11,0	36	3,3
SX9062	19,0	3/4"	11,0	32	2,9
SX9062	22,0	7/8"	11,0	24	2,2
SX9062	25,5	1"	11,0	18	1,6

(*) Avoid the product's use at the maximum temperature and pressure associated without consulting the manufacturer

GASKETS

From compound asbestos free and PTFE sheets, our sealing solutions.

PTFE PRODUCTS

Seal X offers a comprehensive range of modified and expanded PTFE sealing products designed for applications where chemical resistance is paramount or where food safety is a requirement. Our modified PTFE is reinforced with heat resistant filler. The modification of the molecular structure of the polymer and a special production process that determines the isotropic orientation of the components in the plane of the gasket, form the basis of the outstanding mechanical characteristics of this material that combine with the already well known excellent chemical properties of the PTFE. The seal capacity is excellent at low compression and at elevated temperatures.



APPLICATIONS

Seal X products are recommended for reducing leakages with chemically aggressive substances. These products are ideal for the chemical, petro-chemical, paper mill, oil, gas, food, and pharmaceutical applications. We strive to provide customers with leading solutions and high performance products to suit all specific needs. Please contact our Technical Sales Team

COMPRESSED SYNTHETIC FIBRE JOINTING SHEETS

Seal X offers a number of asbestos free synthetic fibre jointing sheets designed for a wide range of applications required for specific sealing solutions. A wide range of grades are available for many different applications. The jointing can be supplied as a sheet or cut gaskets, both supplied in either standard or non-standard dimensions.

SX9097 Braided Packing

(*)				
T	°C	-50 +550		
p	bar		200	
V	m/s			
PH		2 ÷ 12		



Features

Braid packing consisting of textured E glass 6/9 micron, impregnated yarn-by-yarn with a blend of high percentage graphite and lubricant, with the addition of corrosion inhibitor.

Applications

Packing suitable for applications as oven doors gasket, manholes, steam, fumes, oils, acids and base stuffs.

Composition

- E glass fiber
- Graphite/PTFE impregnation
- Corrosion inhibitor
- Lubricant

PACKING	SIZE (mm)	SIZE (inch)	LBS/BOX	FT/BOX	FT/LBS
SX9097	3,0	1/8"	2,2	243	110,3
SX9097	4,0	-	2,2	137	62,1
SX9097	5,0	3/16"	2,2	87	39,7
SX9097	6,0	-	5,5	152	27,6
SX9097	6,5	1/4"	5,5	129	23,5
SX9097	8,0	5/16"	5,5	85	15,5
SX9097	9,5	3/8"	5,5	61	11,0
SX9097	10,0	-	5,5	55	9,9
SX9097	11,0	7/16"	5,5	45	8,2
SX9097	12,0	-	5,5	38	6,9
SX9097	12,7	1/2"	5,5	34	6,2
SX9097	14,0	9/16"	11,0	56	5,1
SX9097	16,0	5/8"	11,0	43	3,9
SX9097	17,5	11/16"	11,0	36	3,2
SX9097	18,0	-	11,0	34	3,1
SX9097	19,0	3/4"	11,0	30	2,8
SX9097	22,0	7/8"	11,0	23	2,1
SX9097	25,5	1"	11,0	17	1,5

(*) Avoid the product's use at the maximum temperature and pressure associated without consulting the manufacturer

SX9070 Braided Packing

(*)				
T	°C	-200 +280		
p	bar	20	100	50
V	m/s	1	2	8
PH		0 ÷ 14		



Features

Braid packing consisting of pure PTFE yarns impregnated with dispersed ptfе and an inert lubricant, with diagonal interweaving to guarantee a perfectly square cross-section. It has a low friction factor, and so does not scratch the shaft; inert to all chemical products apart from alkaline metals.

Applications

Centrifugal pumps; valves with air and gas; oxidants and aggressive chemicals; concentrated acids; steam; suitable for the petrochemical and chemical industries, paper mills and the food industry.

Composition

- Continuous virgin PTFE yarn
- Emulsion of PTFE and Silicon
- High thermal conductor compound

PACKING	SIZE (mm)	SIZE (inch)	LBS/BOX	FT/BOX	FT/LBS
SX9070	3,0	1/8"	2,2	192	87,1
SX9070	4,0	-	2,2	108	49,0
SX9070	5,0	3/16"	2,2	69	31,4
SX9070	6,0	-	5,5	120	21,8
SX9070	6,5	1/4"	5,5	102	18,6
SX9070	8,0	5/16"	5,5	67	12,2
SX9070	9,5	3/8"	5,5	48	8,7
SX9070	10,0	-	5,5	43	7,8
SX9070	11,0	7/16"	5,5	36	6,5
SX9070	12,0	-	5,5	30	5,4
SX9070	12,7	1/2"	5,5	27	4,9
SX9070	14,0	9/16"	11,0	44	4,0
SX9070	16,0	5/8"	11,0	34	3,1
SX9070	17,5	11/16"	11,0	28	2,6
SX9070	18,0	-	11,0	27	2,4
SX9070	19,0	3/4"	11,0	24	2,2
SX9070	22,0	7/8"	11,0	18	1,6
SX9070	25,5	1"	11,0	13	1,2

(*) Avoid the product's use at the maximum temperature and pressure associated without consulting the manufacturer

SX9071 Braided Packing

(*)				
T	°C	-200 +280		
p	bar	500	150	
V	m/s	1	2	
PH		0 ÷ 14		



Features

Braid packing consisting of pure PTFE yarns, impregnated yarn-by-yarn with dispersed PTFE, with diagonal interweaving. This has a low friction factor and resists chemical attack. The significant breaking resistance and tensile strength of this packing means it can be used for valves with pressure of up to 350 Kg/cm2.

Applications

Valves; centrifugal pump shafts; mixers; stirrers; high pressure; reciprocating pistons; register valves; aggressive chemical products; steam; solvents; suitable for the petrochemical and chemical industries and paper mills.

Composition

- PTFE yarn
- PTFE impregnation

PACKING	SIZE (mm)	SIZE (inch)	LBS/BOX	FT/BOX	FT/LBS
SX9071	3,0	1/8"	2,2	203	91,9
SX9071	4,0	-	2,2	114	51,7
SX9071	5,0	3/16"	2,2	73	33,1
SX9071	6,0	-	5,5	127	23,0
SX9071	6,5	1/4"	5,5	108	19,6
SX9071	8,0	5/16"	5,5	71	12,9
SX9071	9,5	3/8"	5,5	50	9,2
SX9071	10,0	-	5,5	46	8,3
SX9071	11,0	7/16"	5,5	38	6,8
SX9071	12,0	-	5,5	32	5,7
SX9071	12,7	1/2"	5,5	28	5,1
SX9071	14,0	9/16"	11,0	46	4,2
SX9071	16,0	5/8"	11,0	36	3,2
SX9071	17,5	11/16"	11,0	30	2,7
SX9071	18,0	-	11,0	28	2,6
SX9071	19,0	3/4"	11,0	25	2,3
SX9071	22,0	7/8"	11,0	19	1,7
SX9071	25,5	1"	11,0	14	1,3

(*) Avoid the product's use at the maximum temperature and pressure associated without consulting the manufacturer

SX9095 Braided Packing

(*)				
T	°C	-50 +280		
p	bar	60	40	20
V	m/s	1,5	2	15
PH		2 ÷ 12		



Features

Braid packing consisting of texturized E glass 6/9 micron and impregnated yarn-by-yarn with a high percentage of dispersion of PTFE and inert silicone-free lubricant. Features good chemical resistance.

Applications

Water; steam; solvents; abrasive and crystallized chemical products; static seals; reciprocating motion; valves; covers; gas; mixers; stirrers; oil; water treatment plant; centrifugal and reciprocating pumps; suitable for electricity power stations and the chemical and petrochemical industries.

Composition

- E glass fiber
- PTFE impregnation
- Lubricant

PACKING	SIZE (mm)	SIZE (inch)	LBS/BOX	FT/BOX	FT/LBS
SX9095	3,0	1/8"	2,2	203	91,9
SX9095	4,0	-	2,2	114	51,7
SX9095	5,0	3/16"	2,2	73	33,1
SX9095	6,0	-	5,5	127	23,0
SX9095	6,5	1/4"	5,5	108	19,6
SX9095	8,0	5/16"	5,5	71	12,9
SX9095	9,5	3/8"	5,5	50	9,2
SX9095	10,0	-	5,5	46	8,3
SX9095	11,0	7/16"	5,5	38	6,8
SX9095	12,0	-	5,5	32	5,7
SX9095	12,7	1/2"	5,5	28	5,1
SX9095	14,0	9/16"	11,0	46	4,2
SX9095	16,0	5/8"	11,0	36	3,2
SX9095	17,5	11/16"	11,0	30	2,7
SX9095	18,0	-	11,0	28	2,6
SX9095	19,0	3/4"	11,0	25	2,3
SX9095	22,0	7/8"	11,0	19	1,7
SX9095	25,5	1"	11,0	14	1,3

(*) Avoid the product's use at the maximum temperature and pressure associated without consulting the manufacturer

SX9088 Braided Packing

(*)			
T °C	-50 +500		
p bar	200		
V m/s	1		
PH	2 ÷ 12		



Features

Braid packing consisting of pre-oxidized pan carbon graphite yarns, strengthened with inconel yarns. Specifically developed for seals in valves, it is impregnated yarn-by-yarn with special graphite's and corrosion inhibitors, with the addition of excellent lubricants.

Applications

Static seal valves; steam; fumes; oil; crystallizing products; petrochemical and chemical substances, apart from oxidants; water treatment plant; suitable for the chemical and petrochemical industries, metal-working and electricity power stations.

Composition

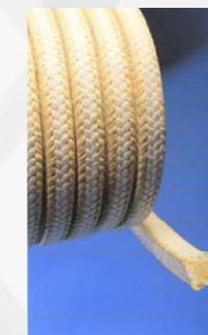
- Carbon yarn
- Graphite powder loaded lubricants
- Corrosion inhibitor

PACKING	SIZE (mm)	SIZE (inch)	LBS/BOX	FT/BOX	FT/LBS
SX9088	3,0	1/8"	2,2	331	150,5
SX9088	4,0	-	2,2	186	84,6
SX9088	5,0	3/16"	2,2	119	54,2
SX9088	6,0	-	5,5	207	37,6
SX9088	6,5	1/4"	5,5	176	32,0
SX9088	8,0	5/16"	5,5	117	21,2
SX9088	9,5	3/8"	5,5	83	15,0
SX9088	10,0	-	5,5	75	13,5
SX9088	11,0	7/16"	5,5	62	11,2
SX9088	12,0	-	5,5	52	9,4
SX9088	12,7	1/2"	5,5	46	8,4
SX9088	14,0	9/16"	11,0	76	6,9
SX9088	16,0	5/8"	11,0	58	5,3
SX9088	17,5	11/16"	11,0	49	4,4
SX9088	18,0	-	11,0	46	4,2
SX9088	19,0	3/4"	11,0	41	3,8
SX9088	22,0	7/8"	11,0	31	2,8
SX9088	25,5	1"	11,0	23	2,1

(*) Avoid the product's use at the maximum temperature and pressure associated without consulting the manufacturer

SX9072 Braided Packing

(*)			
T °C	-200 +280		
p bar	500	30	
V m/s	1,5	2	
PH	3 ÷ 12		



Features

Braid packing consisting of lubricated pure PTFE yarn, strengthened on the corners with pure kevlar® yarn, impregnated yarn-by-yarn with dispersed PTFE and lubricant.

Applications

Reciprocating motion; high pressure and speed; solvents; weak acids; aggressive gases; alkaline products; aggressive chemical fluids apart from molten alkaline metals; universal use apart from oxygen; suitable for paper mills; electricity power plants; chemical and petrochemical industries and water treatment plants.

Composition

- PTFE yarn
- Aramid fiber yarn

PACKING	SIZE (mm)	SIZE (inch)	LBS/BOX	FT/BOX	FT/LBS
SX9072	3,0	1/8"	2,2	214	97,4
SX9072	4,0	-	2,2	121	54,8
SX9072	5,0	3/16"	2,2	77	35,0
SX9072	6,0	-	5,5	134	24,3
SX9072	6,5	1/4"	5,5	114	20,7
SX9072	8,0	5/16"	5,5	75	13,7
SX9072	9,5	3/8"	5,5	53	9,7
SX9072	10,0	-	5,5	48	8,8
SX9072	11,0	7/16"	5,5	40	7,2
SX9072	12,0	-	5,5	34	6,1
SX9072	12,7	1/2"	5,5	30	5,4
SX9072	14,0	9/16"	11,0	49	4,5
SX9072	16,0	5/8"	11,0	38	3,4
SX9072	17,5	11/16"	11,0	32	2,9
SX9072	18,0	-	11,0	30	2,7
SX9072	19,0	3/4"	11,0	27	2,4
SX9072	22,0	7/8"	11,0	20	1,8
SX9072	25,5	1"	11,0	15	1,3

(*) Avoid the product's use at the maximum temperature and pressure associated without consulting the manufacturer

SX9075 Braided Packing

(*)				
T	°C	-200 +280		
p	bar	20	100	50
V	m/s	1	2	8
PH		0 ÷ 14		



Features

Braid packing in pure PTFE with exclusive interweaving, specifically designed for the food industry. The yarn used to produce our packings complies with the FDA standard.

Applications

Pumps; centrifugal pumps; piston pumps; valve steams; suitable for food preservation and the food industry in general.

Composition

- PTFE yarn
- Lubricant

PACKING	SIZE (mm)	SIZE (inch)	LBS/BOX	FT/BOX	FT/LBS
SX9075	3,0	1/8"	2,2	192	87,1
SX9075	4,0	-	2,2	108	49,0
SX9075	5,0	3/16"	2,2	69	31,4
SX9075	6,0	-	5,5	120	21,8
SX9075	6,5	1/4"	5,5	102	18,6
SX9075	8,0	5/16"	5,5	67	12,2
SX9075	9,5	3/8"	5,5	48	8,7
SX9075	10,0	-	5,5	43	7,8
SX9075	11,0	7/16"	5,5	36	6,5
SX9075	12,0	-	5,5	30	5,4
SX9075	12,7	1/2"	5,5	27	4,9
SX9075	14,0	9/16"	11,0	44	4,0
SX9075	16,0	5/8"	11,0	34	3,1
SX9075	17,5	11/16"	11,0	28	2,6
SX9075	18,0	-	11,0	27	2,4
SX9075	19,0	3/4"	11,0	24	2,2
SX9075	22,0	7/8"	11,0	18	1,6
SX9075	25,5	1"	11,0	13	1,2

(*) Avoid the product's use at the maximum temperature and pressure associated without consulting the manufacturer

SX9081 Braided Packing

(*)				
T	°C	-130 +250		
p	bar	150	50	35
V	m/s		2	10
PH		1 ÷ 13		



Features

Braid packing made from carbon yarn, impregnated yarn-by-yarn with purest graphite powder. PTFE dispersion treatment to eliminate the possible migration of the carbon fiber.

Applications

Pumps; valves; stirrers; strong chemical agents; petrol; water; air; alkalis; organic and non-organic products; sewers; saline water; phosphates; boiler supply pumps and corrosive gas pumps; suitable for the petrochemical industry; oil refineries and electricity power stations.

Composition

- Carbon yarn
- PTFE impregnated graphite

PACKING	SIZE (mm)	SIZE (inch)	LBS/BOX	FT/BOX	FT/LBS
SX9081	3,0	1/8"	2,2	304	137,9
SX9081	4,0	-	2,2	171	77,6
SX9081	5,0	3/16"	2,2	109	49,7
SX9081	6,0	-	5,5	190	34,5
SX9081	6,5	1/4"	5,5	162	29,4
SX9081	8,0	5/16"	5,5	107	19,4
SX9081	9,5	3/8"	5,5	76	13,8
SX9081	10,0	-	5,5	68	12,4
SX9081	11,0	7/16"	5,5	56	10,3
SX9081	12,0	-	5,5	47	8,6
SX9081	12,7	1/2"	5,5	42	7,7
SX9081	14,0	9/16"	11,0	70	6,3
SX9081	16,0	5/8"	11,0	53	4,8
SX9081	17,5	11/16"	11,0	45	4,1
SX9081	18,0	-	11,0	42	3,8
SX9081	19,0	3/4"	11,0	38	3,4
SX9081	22,0	7/8"	11,0	28	2,6
SX9081	25,5	1"	11,0	21	1,9

(*) Avoid the product's use at the maximum temperature and pressure associated without consulting the manufacturer