



GLAND PACKING CATALOGUE

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GLAND PACKING SELECTIONS AND APPLICATIONS



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		PUMP PACKINGS														VALVE PACKINGS			PLUNGER PUMPS																
		SQ4560	CARBGRAFTX	SQ4658	RAMIETEX	SQ2562L	PTFLUBTEX	SQ3062	FOGTEX	SQ3062L	LENSTEX	SQ3564	KEVLUBTEX	SQ3563	NOMETEX	SQ3663	PHENTEX	SQ2664	KEVLATX	SQ3064A2	KEVLINTEX	SQ2654	ACRYLITEX	SQ-PRO	SQ-PRO-AB	SQ5060	GRAFOILEX	SQ5060IN	GRAFOILINTEX	SQ2662L	PTFEVALVTEX	SQ3064A1	KEVLINCORTEX	SQ3063A1	KYNLENCORTEX
Centrifugal Pump	p bar	25	20	10	25	20	25	25	20	30	25	20	20	25	20	20	25	20	20	20	25	20	20	25	20									20	
	vg m/s	20	10	8	25	15	25	20	20	25	15	20	20	25	20	20	25	20	20	20	25	20	20	25	20									20	
Plunger Pump	p bar	100	200	100	100	200	100	20	100	100	150	80	80	50	250																	150	100		
	vg m/s	20	10	2	2	2	1.50	2	1.50	1.50	15	20	2	2	2	2	2	2	2	2	2	2	2	2								15	1.5		
Valves	p bar	200	300	200	200	250	200	100	200	200	200	100	100	100	250	500	200	200	200	250	500	200	200	200	250							200	200		
	vg m/s	2	10	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2							15	2			
Agitators, Mixers (Dry Running)	p bar		20		25	25		25	25		25	25	25	25	50		25	50	50												25	50	50		
	vg m/s		2		2	2		2	2		2	2	2	2	2	2	2	2	2	2	2	2	2	2						2	2	2			
Blowers (Dry Running)	p bar																									8									
	vg m/s																									2									
Temperature °C		0	-50	-200	-200	-200	-100	-100	-50	-100	-100	-100	-50	-50	-200	-200	-200	-100	-100																
		<300	+140	+280	+280	+280	+280	+280	+260	+280	+280	+260	+250	+250	+650	+650	+280	+280	+260																
Ph		0-14	5-11	0-14	0-14	0-14	2-13	1-13	1-13	2-13	2-12	1-13	1-13	1-13	0-14	0-14	0-14	2-12	1-13																
Abrasive Media, Lime, Sand, Solids		☆	☆		☆		☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆							☆	☆			
Acid Gases				☆	☆	☆																				☆	☆	☆							
Adhesive Media, Bitumens, Glues				☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆						☆	☆	☆			
Concentrated Acids, Inorganic/Organic				☆	☆	☆		☆	☆																		☆	☆							
Concentrated Alkalies		☆		☆	☆	☆																				☆	☆	☆							
Diluted Acids, Inorganic/Organic Salt Solutions				☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆			☆	☆	☆			☆	☆		
Diluted Alkalies, Salt Solutions		☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆			☆	☆	☆			☆	☆		
Heat Transfer Oils					☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆			☆	☆	☆						
Hydrogen				☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆			☆	☆	☆						
Neutral Vapours, Gases, Air, Nitrogen				☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆			☆	☆	☆			☆	☆		
Oils, Greases, Mineral Oils, Animal Fats		☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆			☆	☆	☆			☆	☆		
Organic Compounds, Amines, Nitrates		☆		☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆			☆	☆	☆			☆	☆		
Oxygen																															☆				
Paints, Lacquers, Turbine Oils				☆		☆		☆	☆			☆	☆														☆	☆	☆						
Seawater			☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆			☆	☆	☆			☆	☆		
Solvents, Aliphatic & Aeromatic Hydrocarbons, Aldehydes, Alcohols, Ester-Ketones, Chlorinated Hydrocarbons, Coolants		☆		☆	☆	☆																					☆	☆	☆						
Steam < 280°C		☆		☆		☆																					☆	☆	☆						
Steam < 450°C		☆																									☆	☆							
Steam < 550°C																											☆	☆							
Volatile Hydrocarbons, Solvent Vapours		☆		☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆			☆	☆	☆						
Water (drinking), Food Stuffs, Pharmaceutical Products		☆	☆	☆	☆	☆																					☆	☆	☆						
Water (hot), Boiler Feed Water, Condensate		☆			☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆			☆	☆	☆			☆	☆		
Water, Industrial Water, Sewerage		☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆			☆	☆	☆			☆	☆		

☆ Highly recommended

☆ Partially recommended

The technical specifications are based on years of tests & experiences, however due to the diversity of the applications, they should only be regarded as a guide. Please contact SEALQUIP with the conditions of your application for expert advice. Please note that the operating limits are mutually dependant, it is not possible to run to the maximum of all values simultaneously.

MEDIA CLASSIFICATION

NOTE: The sorting of media into major groups will help to ascertain the resistance of a particular packing for selection purposes.

One must also consider the packings operating limits and read through the detailed description. The letters accompanying the media relate to the major media groups on the opposite page "[Gland Packing Selections and Applications](#)"

A		B	
Accumulator acid	c	barium chloride	e f
acetaldehyde	o k	barium hydroxide	f d
acetic acid	e c	beer	r
acetic acid anhydride	c	beer mash, cooper	r
acetic ether (ethyl acetate)	q o	beer mash, pumps	r
acetone	q o	benzene 15, benzene	c
acrylonitril	k	sulphonic acid	c
adipinic acid	e c	benzoic acid	e c
alcohol (ethanol)	o	benzyl alcohol	o
aluminium acetate	e f	bitumen	a2
aluminium chloride	e f	blast furnace gas	b
aluminium sulphate	e f	blood	r
ammonia (gaseous)	f d	boiler feed water	s
ammonia (liquid)	f d	bonder lye	e c f d
ammonia hydroxide	f d	bone fat (dissolved in tri or	o
ammonium chloride	e f	gasoline)	o
ammonium sulphate	e f	borax solution	f
aniline	k	boric acid	e
anthracene oil	j	brackish water	f
antifreeze solution	o	brake fluid	j
arsenic acid	e c	brandy	r o
asphalt	a2	bromine, aqueous	e c
ASTM oil no. 1,2,3 & 4	j	bunker oil and fuel	j
B		butadiene	k a2
barium chloride	e f	butane	q o
barium hydroxide	f d	butanediol	o
beer	r	butanol (butylic alcohol)	o
beer mash, cooper	r	butanone (methyl ethyl	o
beer mash, pumps	r	ketone)	o
benzene 15, benzene	c	butylene	q o
sulphonic acid	c	butylic acetate	o
benzoic acid	e c	butylic alcohol (butanol)	o
benzyl alcohol	o	butyric acid	r e c
bitumen	a2	C	
blast furnace gas	b	calcium acetate	e f
blood	r	calcium bisulfite liquor	e f
boiler feed water	s	(sulfite liquor)	e f
bonder lye	e c f d	calcium chloride	e f
bone fat (dissolved in tri or	o	calcium hydroxide	f d
gasoline)	o	(milk of lime)	f d
borax solution	f	calcium hypochlorite	e f
boric acid	e	(bleaching lye)	e f
brackish water	f	Calgonit R ® (caustic	f
brake fluid	j	phosphate silicate)	f
brandy	r o	Calgonit S ® (urea nitrate)	f d
bromine, aqueous	e c	D	
bunker oil and fuel	j	dibutylphthalate (DBP)	k
butadiene	k a2	diesel fuel	j
butane	q o	diethanolamine (DEA)	f k
butanediol	o	diphenyl heat transfer fluid	g
butanol (butylic alcohol)	o	diphenyloxide	o k
butanone (methyl ethyl	o	distilled water	r
ketone)	o	dodecylbenzene	o
butylene	q o	Dowtherm-A ®	g
butylic acetate	o	dye liquor	a2
butylic alcohol (butanol)	o	E	
butyric acid	r e c	edible oil	r j
C		edible vinegar	e
calcium acetate	e f	ethanol (ethylic alcohol)	o
calcium bisulfite liquor	e f	ether (ethylic ether)	q o
(sulfite liquor)	e f	ethyl acetate	o
calcium chloride	e f	(acetic ether)	o
calcium hydroxide	f d	ethylene	q
(milk of lime)	f d	ethylene chloride	b o
calcium hypochlorite	e f	ethylene glycol	k
(bleaching lye)	e f	ethylene oxide	q
Calgonit R ® (caustic	f	F	
phosphate silicate)	f	faeces	n2
Calgonit S ® (urea nitrate)	f d	fats and fatty alcohols	j o
D		fatty acids	e c
fish press water	n2	fatty alcohol sulphonate	f
fish slurry	n2	ferric (III) chloride solution	e c
fish-liver oil	j	ferric phosphate solution	e f
fixing bath, acidous	e	ferricyanide	e f
fluosilicic acid	c	G	
formaldehyde (formalin)	o k	gallic acid	e c
formic acid	e c	gas scrubbing water	n2 e
Freon ®	q o	gelatine	r
Frigen ®	q o	glacial acetate acid	c
fruit juices	r	Gluaber's salt (sodium	e f
fruit pulp	r	sulphate)	e f
fully desalinated water	n2	glycerol	o
G		glycolic acid ester	q o
gallic acid	e c	glycolmonoacetate	q o
gas scrubbing water	n2 e	H	
gelatine	r	heat transfer oil	g
glacial acetate acid	c	heating oil	j
Gluaber's salt (sodium	e f	heavy water	n2
sulphate)	e f	heptane	q o
glycerol	o	hexane	q o
glycolic acid ester	q o	honey	r
glycolmonoacetate	q o	hydraulic fluid (mineral oil	j
H		base)	j
heat transfer oil	g	hydraulic fluid (phosphate	j
heating oil	j	ester base)	j
heavy water	n2	hydrazine	o
heptane	q o	hydrochloric acid	e c
hexane	q o	hydrocyanic acid	e c
honey	r	hydrofluoric acid	c
hydraulic fluid (mineral oil	j	hydrogen chloride (chloric	b e c
base)	j	acid gas)	b e c
hydraulic fluid (phosphate	j	hydrogen peroxide	c
ester base)	j	I	
hydrazine	o	iso-octane	q o
hydrochloric acid	e c	isobutyl alcohol	q o
hydrocyanic acid	e c	isobutyl ketone	q o
hydrofluoric acid	c	isopropyl acetate	q o
hydrogen chloride (chloric	b e c	isopropyl alcohol	q o
acid gas)	b e c	isopropyl ether	q o
hydrogen peroxide	c	J	
I		jet fuel JP4, JP5 (kerosene)	o
iso-octane	q o	L	
isobutyl alcohol	q o	lacquers	m
isobutyl ketone	q o	lead acetate (lead sugar)	f
isopropyl acetate	q o	lead sludge	a1
isopropyl alcohol	q o	lemonades	r
isopropyl ether	q o	lignite tar oil	a2 j
J		liqueurs	r
jet fuel JP4, JP5 (kerosene)	o	M	
L		magnesium bisulfite	e f
lacquers	m	magnesium hydroxide	f d
lead acetate (lead sugar)	f	maleic acid anhydride10 /	e f
lead sludge	a1	manganese nitrate	e f
lemonades	r	manure, liquid	f
lignite tar oil	a2 j	marmalade	r
liqueurs	r	mash: hop mash	r
M		masut (heavy heating oil)	j
magnesium bisulfite	e f	meat juices and broths	r
magnesium hydroxide	f d	mercaptane	k
maleic acid anhydride10 /	e f	mercury nitrate	e f
manganese nitrate	e f	methane	q
manure, liquid	f	methanol (methylic alcohol)	o
marmalade	r	N	
mash: hop mash	r	N-methyl pyrrolidone	o
masut (heavy heating oil)	j	naphtha	o
meat juices and broths	r	naphtenic acid	e c
mercaptane	k	natural gas	i
mercury nitrate	e f	nitric acid <10% 85°C	e c
methane	q	nitric acid >10% 35°C	c
methanol (methylic alcohol)	o	nonyl phenol	o
N		O	
methyl chloride	q o	oils: animal oils	j
methyl ethyl ketone	q o	oils: vegetable oils	j
methylated sprirt	o	oils: lubricating oils	j
milk	r	olive oil	r j
milk of lime (calcium	f d	oxalic acid	e c
hydroxide)	f d	oxygen (gaseous liquid)	h2
mineral oil (crude oil)	j	P	
mineral oil	j	P3 lye ®	c f d
Mobiltherm 600 ®	g	paints	m
molasses	a2 r	paper pulp: fine quality,	a1
monochloro benzene	q o	hygienic	a1
O		paper pulp: synthetic,	a1 e f
oils: animal oils	j	photographic	a1 e f
oils: vegetable oils	j	packing paper	a1 e f
oils: lubricating oils	j	peanut oil	j
olive oil	r j	pentane	q o
oxalic acid	e c	perchloric acid	e c
oxygen (gaseous liquid)	h2	perchloro ethylene (per)	q o
P		petrol	o
P3 lye ®	c f d	petroleum	o
paints	m	petroleum ether	q o
paper pulp: fine quality,	a1	phenol (carbolic acid)	e c
hygienic	a1	phosphoric acid	e c
paper pulp: synthetic,	a1 e f	phthalic acid (heating)	e c
photographic	a1 e f	phthalic acid anhydride	c
packing paper	a1 e f	pine oil	j
peanut oil	j	potassium carbonate	f d
pentane	q o	potassium chloride	e f
perchloric acid	e c	potassium cyanide	e f
perchloro ethylene (per)	q o	potassium hypochlorite	e f
petrol	o	potassium nitrate	e f
petroleum	o	potassium silicate	e f
petroleum ether	q o	potassium sulfate	e f
phenol (carbolic acid)	e c	propane	q o
phosphoric acid	e c	propanol (propylic alcohol)	o
phthalic acid (heating)	e c	propanone	q o
phthalic acid anhydride	c	propyl acetate	q o
pine oil	j	(acetic acid ester)	q o
potassium carbonate	f d	pyridine	o k
potassium chloride	e f	pyrrolidone	f d
potassium cyanide	e f	Q	
potassium hypochlorite	e f	quenching oil	j
potassium nitrate	e f	R	
potassium silicate	e f	rapeseed oil	j
potassium sulfate	e f	raw juices (sugar solution)	r
propane	q o	S	
propanol (propylic alcohol)	o	salicylic acid	e c
propanone	q o	salt, common (sodium	e f
propyl acetate	q o	chloride)	e f
(acetic acid ester)	q o	seat water	d
pyridine	o k	T	
pyrrolidone	f d	seawater	d
Q		sewage water	f
quenching oil	j	silicon tetrachloride	e c
R		silicone fats	j
rapeseed oil	j	silicone oils	j
raw juices (sugar solution)	r	skin creams	r j
S		soap solution	f
salicylic acid	e c	soda lye 30% all conc.	f d
salt, common (sodium	e f	sodium arsenate	e f
chloride)	e f	sodium carbonate	f d
seat water	d	sodium chloride	e f
T		(common salt)	e f
seawater	d	sodium hydroxide (caustic	f d
sewage water	f	soda)	f d
silicon tetrachloride	e c	sodium hypochlorite	e f
silicone fats	j	sodium nitrate	e f
silicone oils	j	sodium phosphate	e f
skin creams	r j	sodium silicate (water glass)	e f
soap solution	f	sodium sulfate	e f
soda lye 30% all conc.	f d	(Glauber's salt)	e f
sodium arsenate	e f	sodium sulfide	e f
sodium carbonate	f d	sodium sulfite	e f
sodium chloride	e f	sodium thiosulfate (antichlor)	e f
(common salt)	e f	solvent naphtha	o
sodium hydroxide (caustic	f d	steam	p1 p2 p3
soda)	f d	stearic acid (fatty acid)	e c
sodium hypochlorite	e f	styrene (phenyl ethylene)	o
sodium nitrate	e f	sulfite liquor	e f
sodium phosphate	e f	sulfuric acid: 70-90% 150°C	c
sodium silicate (water glass)	e f	sulfuric acid: 90-95% 70°C	c
sodium sulfate	e f	sulfuric acid fuming (oleum)	c
(Glauber's salt)	e f	sulfurous acid	e c
sodium sulfide	e f	U	
sodium sulfite	e f	urea	f k
sodium thiosulfate (antichlor)	e f	V	
solvent naphtha	o	vegetable paste	r
steam	p1 p2 p3	vinegar (edible)	e
stearic acid (fatty acid)	e c	vinyl chloride	q
styrene (phenyl ethylene)	o	W	
sulfite liquor	e f	water glass (sodium silicate)	e f
sulfuric acid: 70-90% 150°C	c	water: drinking	r
sulfuric acid: 90-95% 70°C	c	water: distilled	f
sulfuric acid fuming (oleum)	c	water: not treated, dirty	f
sulfurous acid	e c	water: boiler, feed	s
U		water: reactor, radioactive	f
urea	f k	water: heavy	f
V		water: brackish, sea	d
vegetable paste	r	whale oil, train oil	j
vinegar (edible)	e	wine	r
vinyl chloride	q	wood pulp	f a1
W		XYZ	
water glass (sodium silicate)	e f	xylene	q o
water: drinking	r	yeast pulp	r
water: distilled	f	zinc chloride	e f
water: not treated, dirty	f	XYZ	
water: boiler, feed	s		
water: reactor, radioactive	f		
water: heavy	f		
water: brackish, sea	d		
whale oil, train oil	j		
wine	r		
wood pulp	f a1		
XYZ			
xylene	q o		
yeast pulp	r		
zinc chloride	e f		

CARBON FIBRE PACKING



SQ4560—CARBGRAFTEX

Carbon Fibre Packing

Braided from strong carbon continuous yarns after a softening process and impregnated with proprietary lubricants and graphite particles, which fill the voids and act as a break-in lubricant which inhibits leakage.

	P bar	T °C	V m/s	PH
	200	<650	2	0~14
	100		20	
	25		20	



SQ4460—CARBGRAFPTX

Carbonised Fibre Packing with Graphite Impregnation

Carbonized PAN fibre impregnated with PTFE dispersion containing graphite particles. The PTFE and graphite ensures that the packing has excellent self lubricating properties.

	P bar	T °C	V m/s	PH
	100	< 300	2	0~14
	100		2	
	20		25	



SQ4660—CARBINCTEX

Carbonised Fibre Packing reinforced with Inconel wire

Braided from low-sulphur expanded carbon yarns, reinforced with inconel wire. Has good chemical & thermal resistance, very low friction & the wire reinforcement provides greater mechanical strength. Other metal reinforcing grades, nickel, stainless steel etc. on request.

	P bar	T °C	V m/s	PH
	25	< 650	2	0~14
	-		-	
	-		-	



SQ4360—CARBPTX

Carbonised Fibre Packing with PTFE Impregnation

Braided shrink-proof synthetic fibre impregnated with PTFE, silicon-oil-free lubricant. The oxidised polyacrylonitrile fibre, compared to traditional carbon fibre packing, doesn't embrittle & is suited to high peripheral speeds. Functions well in the food industry. Oxidised fibre has high strength & good thermal conductivity. PTFE ensures that it has excellent self-lubricating properties. Shaft friendly & has long life span.

	P bar	T °C	V m/s	PH
	100	< 300	2	0~14
	100		2	
	2		4	

ACRYLIC FIBRE PACKING



SQ2654—ACRYLITEX

Acrylic Fibre Packing with PTFE Impregnation

Braided from high strength acrylic synthetic fibre pre-impregnated with PTFE, and re-impregnated during square braiding. It has excellent properties of sealing, lubricating and resistance to chemicals.

	P bar	T °C	V m/s	PH
	100	<260	20	1~13
	80		20	
	20		20	



SQ2554—ACRYGRAFTEX

Acrylic Fibre Packing with Graphite Impregnation

Braided from high strength acrylic synthetic fibre treated with Graphite and special lubrication. Much of the Graphite filler increases the service temperature and the density of the packing.

	P bar	T °C	V m/s	PH
	150	<350	20	1~13
	100		20	
	25		20	

VEGETABLE FIBRE PACKING



SQ4658—RAMIETEX

Ramie Fibre Packing with PTFE Impregnation

Highest quality ramie fibre impregnated with light-coloured, special PTFE & inert lubricant during square plaiting operation. It prevents product contamination. Low maintenance, easy installation + gentle on shafts & stems.

	P bar	T °C	V m/s	PH
	30	<130	10	5~11
	20		10	
	20		10	

GRAPHITE PACKING



SQ5060—GRAFOILEX

Flexible Graphite Packing

Braided from low-sulphur expanded graphite yarns, which are reinforced by cotton or glass fibre. It has a very low friction rating, does not damage shafts or stems. It shows good thermal and chemical resistance and high elasticity.

	P bar	T °C	V m/s	PH
	250	-250	2	0~14
	250	<650	2	
	20		20	



SQ5060INC—GRAFOILINTEX

Graphite Packing Reinforced with Inconel Wire

Braided from low-sulphur expanded graphite yarns, re-inforced with inconel wire. Retains the inherent benefits of SQ5060 pure graphite packing. Good thermal & chemical resistance, very low friction, wire reinforcement provides greater mechanical strength. For use in high pressure valves.

	P bar	T °C	V m/s	PH
	440	-250	2	0~14
	n/a		n/a	



SQ5660C—GRAFCARTEX

Graphite Packing Reinforced with Carbon Fibre

Braided from low-sulphur expanded graphite yarns, reinforced with Carbon fibre. Retains the inherent benefits of SQ5060 pure graphite packing, good thermal & chemical resistance, very low friction. Fibre reinforcement provides greater mechanical strength. Normal for valves with high pressure.

	P bar	T °C	V m/s	PH
	400	-250		0~14
	250	<650	0-10	
	35			



SQ5360—GRAFCORINC

Graphite-core Ni-wire Carbon Packing

Diagonally braided from expanded flexible graphite, reinforced at the corners throughout with high quality carbon fibre. The corners and body with inconel wire make it three times more resistant to extrusion and also increase the pressure handling capabilities compared to SQ5060.

	P bar	T °C	V m/s	PH
	250	-240	2	0~14
		<288		



SQ5860—GRAFPTEX

Graphite Packing with PTFE Impregnation

Made of expanded flexible graphite, which is reinforced by textile fibres, with PTFE impregnation. Compared to traditional graphite packing, it has excellent cross-sectional rigidity, structural strength and very low friction value, wear resistant, yet gentle to shaft and stem.

	P bar	T °C	V m/s	PH
	350	<280	2	0~14
	100		20	
	25		20	



SQ5560—GRAFINCARB CORE

Super-high Temperature & Pressure Valve Packing

High Temperature fibre with inconel wire braided over a resilient graphite core, thoroughly impregnated with graphite and corrosion inhibitor. Used in high temperature steam valve applications.

	P bar	T °C	V m/s	PH
	250	-240	2	0~14
		<288		



SQ109—GRAFRING

Die Formed Graphite Ring

Die formed rings made of low-sulphur expanded graphite without any fillers or binders. Compressed in precise moulding tools to the required density. Due to the high purity of the material (>98%), no special corrosion protection is required. Supplied in, square section, V-shaped & wedge-shaped section.

	P bar	T °C	V m/s	PH
	800	-240	2	0~14
	50	<288	5	
	10		10	

**PACKING
CONSTRUCTION**



Two Fold
Diagonal Braid



Four Fold
Diagonal Braid



Braid over Core

PTFE PACKING



SQ2562L—PTFLUBTEX

Pure PTFE Packing with Lubricant

Braided from pure PTFE yarn with a special break-in lubricant. Recommended for acid application.

	P bar	T °C	V m/s	PH
	200	<280	2	0~14
	100		2	
	20		8	



SQ3062L—LENSTEX

Graphite incorporated PTFE Packing with Oil

Packing made of 100% gPTFE yarns, and re-impregnated with a silicone lubricant. This packing is the economical version of SQ3062. Gentle on shafts.

	P bar	T °C	V m/s	PH
	250	-240	2	0~14
	200	<288	2	
	20		16	



SQ3062—FOGTEX

Graphite incorporated PTFE Packing

Packing made of traditional Graphite incorporated PTFE yarn, double layers of graphite ePTFE. The yarn contains higher amounts of graphite, compared to normal gPTFE yarn. It has no free particles of graphite on the surface, therefore no contamination can occur. It has very low friction and good thermal conductivity. Gentle on shafts.

	P bar	T °C	V m/s	PH
	200	-200	2	0~14
	100	<280	2	
	25		25	



SQ3064A2—KEVLNSTEX

Graphite Incorporated PTFE & Kevlar Fibre in a 'W' braid

Graphite incorporated PTFE fibre, interwoven with Kevlar fibre. It is suitable for slurry applications in centrifugal pump applications. Due to the Graphite in the packing, hard chroming of the shaft sleeve is not required.

	P bar	T °C	V m/s	PH
	200	-100	15	2~12
	150	~280	15	
	25		15	



SQ3064A1—KEVLNCORTEX

Graphite Incorporated PTFE Packing with Kevlar corners

Multi-yarn packing. The corners of the packing are made of Kevlar yarns, impregnated with PTFE. The friction faces are made of graphite incorporated PTFE yarns. This structure enhances the lubrication ability of the Kevlar fibre and improves the strength of the GPTFE. This special combination is excellent for Plunger pump applications.

	P bar	T °C	V m/s	PH
	200	-100	15	2~12
	150	~280	15	
	25		15	



SQ3063A1—KYNLENCORTEX

Graphite Incorporated PTFE Packing with Kynol Corners

It contains the added advantage of both Graphite incorporated PTFE and Kynol. Excellent for abrasive acidic applications.

	P bar	T °C	V m/s	PH
	200	<260	2	1~13
	100		1.5	
	20		20	

ARAMID PACKING



SQ2664—KEVLATEX

Kevlar with PTFE Impregnation

Braided from high quality Dupont Kevlar™ fibre with PTFE Impregnation. Extremely hard wearing. It shows good chemical resistance, high elasticity and very low cold flow. It is a wear resistant packing. **A minimum shaft hardness of 60 HRC is therefore recommended.** Compared with other packing, it resists highly abrasive media & higher pressures.

	P bar	T °C	V m/s	PH
	200	-100	2	2~13
	100	~280	1.5	
	30		25	



SQ3564—CARBTUFFTEX

Spun Kevlar Packing

Braided from high quality Dupont Spun Kevlar™ fibre with PTFE Impregnation and lubricant additive. It shows good chemical resistance, high elasticity and very low cold flow. It is wear resistant but gentle to the shaft. Compared with other kinds of packing it can resist abrasive media and high pressure applications. The packing is also lubricated with a silicone-based compound for quick and easy break-in.

	P bar	T °C	V m/s	PH
	200	-100	2	2~13
	100	~280	1.5	
	25		25	



SQ3563—NOMETEX

Synthetic Fibre with PTFE Impregnation

Braided from high quality Dupont spun Synthetic yarns with PTFE Impregnation and lubricant additive. High cross-sectional density and structural strength, good sliding characteristic, gentle on shaft surfaces. It has the same characteristics as Kevlar, but it does not hurt the shaft.

	P bar	T °C	V m/s	PH
	100	-100	2	1~13
	20	~280	2	
	25		20	



SQ3563-G—NOMETEX G

Synthetic Fibre with PTFE Impregnation and Graphite Paste

Braided from high quality Dupont spun Synthetic yarns with PTFE Impregnation, Graphite Paste and lubricant additive. High cross-sectional density and structural strength, good sliding characteristic, gentle on shaft surfaces. It has the same characteristics as Kevlar, but it does not hurt the shaft.

	P bar	T °C	V m/s	PH
	100	-100	2	1~13
	20	~280	2	
	25		20	



SQ3663—PHENTEX

Synthetic Yarn with PTFE Impregation

Braided from high performance synthetic fibre impregnated with special PTFE lubricant, it has very good mechanical properties combining softness and strength. The packing has a natural golden sheen and is extremely resistant to abrasive applications, yet gentle on the shaft.

	P bar	T °C	V m/s	PH
	200	<260	2	1~13
	100		1.5	
	20		20	



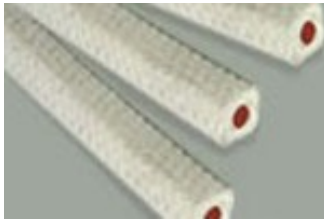
SQ-PRO

Combination of 3 synthetic yarns - specially formulated

Braided from 3 high performance synthetic fibres. The corners are braided with well proven synthetic yarns that are highly resistant to abrasive and adhesive media whilst the graphite incorporated PTFE centre provides lubrication.

	P bar	T °C	V m/s	PH
	100	-100	2	1~13
	20	~280	2	
	25		20	

PACKING WITH SILICON CORE / MEMORY



SQ4658S—RAMIETEX-S

Ramie Fibre Packing with Silicon Rubber Core

Ramie Packing with Silicon Rubber Core. High elastic silicon core can absorb vibration to control leakage. For pumps, refiners, filters and valves in the brewing and beverage industry, ship building. Takes up vibration on the shafts.

	P bar	T °C	V m/s	PH
	30	<130	10	5~11
	20		10	
	20		10	

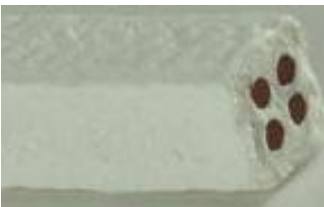


SQ3564S—KEVLATEX-S

Kevlar Fibre Packing with 5 Silicon Core

Spun Kevlar Fibre Packing with 5 Silicon rubber core. High elastic rubber cores can absorb vibration to control leakage.

	P bar	T °C	V m/s	PH
	200	-100	2	2~13
	100	~280	1.5	
	30		25	



SQ3563S—NOMETEX-S

Packing with Silicon Core

Synthetic Fibre Packing with Silicon rubber core. High elastic rubber core can absorb vibration to control leakage.

	P bar	T °C	V m/s	PH
	100	-100	2	1~13
	20	~280	2	
	25		20	

SUPPLIED AS FOLLOWS:-

PRE-CUT RINGS:

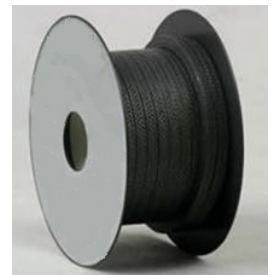
We specialise in pre-cut rings according to the end users specifications. The sets per application are packaged in their individual boxes and labelled with your logo and product code. This supply method reduces waste and labour time for the end user.



STANDARD REEL SIZES:

3mm—6mm	1kg reel
8mm—10mm	2kg reel
12mm—14mm	3kg reel
16mm upwards	5kg reel

10-30kg reels also available



Certified agent of the “SEALQUIP” Packing brand:

Company Stamp