



DIMER
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GLAND PACKINGS

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DIMERPACK 0011



CHARACTERISTICS

Braided packing with glass yarn. The packing is impregnated with PTFE and lubricants silicon free. Glass yarn has an excellent thermal and elastic stability and tensile strength. PTFE impregnation is suitable for centrifugal pumps, piston pumps and armature.

APPLICATIONS

For the sealing of installations and equipment in the chemical, pharmaceutical, food processing, oil refining and other industries.

	Valves	Piston pumps	Centrifugal pumps
v (m/s)	-	2	12
t (°C)		-50°C / +280°C	
pH value		2 - 12	
p (bar)	140	-	100

DIMERPACK 0021



CHARACTERISTICS

Braided packing with glass yarn and impregnated with a graphite compound with lubricant and corrosion inhibitor.

APPLICATIONS

Packing is suitable for applications with neutral solutions, oils, gases and weak alkalies.

	Valves	Piston pumps	Centrifugal pumps
v (m/s)	-	2	10
t (°C)		-50°C / +500°C	
pH value		2 - 12	
p (bar)	140	-	-

DIMERPACK 1110



CHARACTERISTICS

Braided packing of natural cotton yarn, impregnated with tallow. It can be used wherever contamination with graphite is unacceptable.

APPLICATIONS

Stuffing boxes of pumps and fittings in drinking water installations, in laundries, dyeing plants, in textile and chemical industry.

	Valves	Piston pumps	Centrifugal pumps
v (m/s)	2	10	10
t (°C)		-20°C / +100°C	
pH value		6 - 9	
p (bar)	40	10	20

DIMERPACK 1120



CHARACTERISTICS

Braided packing of natural cotton yarn with tallow and red ferrous impregnation.

APPLICATIONS

Packing is used for supply and pumping water, autoclaves.

	Valves	Piston pumps	Centrifugal pumps
v (m/s)	-	1	3
t (°C)		-10°C / +80°C	
pH value		6 - 9	
p (bar)	50	50	10

DIMERPACK 1130



CHARACTERISTICS

Braided packing of natural cotton and graphite, impregnated by tallow.

APPLICATIONS

General purpose packing in all sector of industry. Resistant to water, oils, liquid fuels, lubricants and solvents, water solutions of salts and medium acids and alkalies.

	Valves	Piston pumps	Centrifugal pumps
v (m/s)	2	8	8
t (°C)		-20°C / +100°C	
pH value		6 - 9	
p (bar)	40	10	30

DIMERPACK 1140



CHARACTERISTICS

Braided packing of cotton, impregnated with PTFE. The low friction coefficient of the surface layer of the PTFE allows the use in condition of relatively high peripheral speeds.

APPLICATIONS

For sealing of pumps that transport hot and cold water in sandy and thready environments in the hydrotechnics, cellulose and food processing industries. For sealing of seawater in the shipyards and dockyards.

	Valves	Piston pumps	Centrifugal pumps
v (m/s)	-	1	12
t (°C)		-50°C / +140°C	
pH value		5 - 11	
p (bar)	50	50	25

DIMERPACK 1170



CHARACTERISTICS

Braided packing made of 100 % RAMIE, impregnated with PTFE and mineral oil lubrication.

APPLICATIONS

Packing is used in applications with sea water, drinking and waste water.

	Valves	Piston pumps	Centrifugal pumps
v (m/s)	-	5	13
t (°C)	-	-50°C / +180°C	
pH value	-	2 - 12	
p (bar)	60	100	35

DIMERPACK 1180



CHARACTERISTICS

Braided packing made of 100 % RAMIE, impregnated with graphite and tallow.

APPLICATIONS

Packing is used in applications with sea water, oils, waste water and greases.

	Valves	Piston pumps	Centrifugal pumps
v (m/s)	-	5	10
t (°C)	-	-20°C / +120°C	
pH value	-	4 - 10	
p (bar)	40	30	20

DIMERPACK 2210



CHARACTERISTICS

Diagonally braided packing of acrylic fibres yarn and impregnated with PTFE. Thus it's highly resistant to heat and chemical. The impregnation reduces friction coefficient and fills the slightest spaces between mono-filaments.

APPLICATIONS

Packing is suitable for applications with steam, in high pressure pumps and fittings with water, solutions of salt and medium strength acids and with organic substances, such as liquid fuels, oils, greases or solvents.

	Valves	Piston pumps	Centrifugal pumps
v (m/s)	-	2	20
t (°C)	-	-200°C / +280°C	
pH value	-	1 - 13	
p (bar)	100	80	20

DIMERPACK 2220



CHARACTERISTICS

Packing made of acrylic fibres with PTFE-graphite impregnation.

APPLICATIONS

Suitable for application with steam, water, weak acids, oils and neutral solutions.

	Valves	Piston pumps	Centrifugal pumps
v (m/s)	-	2	10
t (°C)		-50°C / +180°C	
pH value		2 - 12	
p (bar)	50	20	20

DIMERPACK 2230



CHARACTERISTICS

Packing made of acrylic fibres with graphite - tallow impregnation.

APPLICATIONS

For applications with oil, steam, solvents and neutral solutions.

	Valves	Piston pumps	Centrifugal pumps
v (m/s)	-	1,5	8
t (°C)		-10°C / +180°C	
pH value		4 - 10	
p (bar)	50	20	20

DIMERPACK 3100



CHARACTERISTICS

Braided packing with continues aramid yarns, hardly inflammable and thermostable. Each yarn is impregnated with dispersion of PTFE and parafin oil.

APPLICATIONS

Suitable for dynamic applications with abrasive medium, slurries, sludges and slags, where strong packing is needed.

	Valves	Piston pumps	Centrifugal pumps
v (m/s)	2	2	35
t (°C)		-100°C / +280°C	
pH value		2 - 12	
p (bar)	200	200	35

DIMERPACK 3200



CHARACTERISTICS

Braided packing with continuous aramid yarns, hardly inflammable and thermostable. Each yarn is impregnated with dispersion of PTFE and lubricated with silicon oil.

APPLICATIONS

Suitable for dynamic applications with grinding medium, bitumen, steam and neutral solutions, where strong packing is needed.

	Valves	Piston pumps	Centrifugal pumps
v (m/s)	-	1,5	20
t (°C)		-100°C / +280°C	
pH value		3 - 12	
p (bar)	100	100	25

DIMERPACK 3300



CHARACTERISTICS

Packing is made of aramid staple fibre, impregnated with dispersion of PTFE and lubricated with silicon oil.

APPLICATIONS

For application with inert gases, oils, abrasive medium and solvents.

	Valves	Piston pumps	Centrifugal pumps
v (m/s)	2	2	12
t (°C)		-100°C / +280°C	
pH value		2 - 12	
p (bar)	100	100	25

DIMERPACK 3400



CHARACTERISTICS

The packings is developed as a substitute for asbest on hot media for valves and pumps. It's braided with aramid yarn and impregnated under vacuum with clear graphite. It's very flexible and compressible.

APPLICATIONS

Suitable for valves and pumps at hot media.

	Valves	Piston pumps	Centrifugal pumps
v (m/s)	2	5	20
t (°C)		-80°C / +350°C	
pH value		2 - 13	
p (bar)	300	150	70

DIMERPACK 4100



CHARACTERISTICS

Braided packing made of PTFE and aramide yarn. Packing is lubricated with parafin oil.

APPLICATIONS

Suitable for the applications with grinding and abrasive medium, oils, slurries.

	Valves	Piston pumps	Centrifugal pumps
v (m/s)	-	2	10
t (°C)	-100°C / +280°C		
pH value	3 - 12		
p (bar)	180	100	20

DIMERPACK 4110



CHARACTERISTICS

Braided packing made of PTFE and aramide yarn on the corners, which improves the mechanical resistance at high pressure or dry services. Packing is lubricated with parafin oil.

APPLICATIONS

Suitable for sealing installation and equipment in the chemical, pharmaceutical, oil refining and food processing industries, in the chemical departments of the power supplying industry, metallurgy, cellulose industry, etc.

	Valves	Piston pumps	Centrifugal pumps
v (m/s)	-	2	25
t (°C)	-100°C / +280°C		
pH value	3 - 12		
p (bar)	300	200	30

DIMERPACK 4120



CHARACTERISTICS

Zebra design braided packing made of Zebra PTFE and aramid, lubricated with parafin oil.

APPLICATIONS

Suitable for application at cement mills, abrasive medium and waste water.

	Valves	Piston pumps	Centrifugal pumps
v (m/s)	-	2	10
t (°C)	-100°C / +280°C		
pH value	0 - 12		
p (bar)	300	200	20

DIMERPACK 4200



CHARACTERISTICS

Braided packings by PTFE graphite yarn, reinforced by aramid yarn and impregnated with a silicon oil lubricant this gives an opportunity to be used in conditions of very high pressure, especially in piston pumps. The packing has high density of the section and strong structure and also high resistance to dissection and of wearing out.

APPLICATIONS

Suitable for sealing installation and equipment in the chemical, pharmaceutical, oil refining and food processing industries, in the chemical departments of the power supplying industry, metallurgy, papermills, slurries.

	Valves	Piston pumps	Centrifugal pumps
v (m/s)	-	5	25
t (°C)		-150°C / +280°C	
pH value		1 - 13	
p (bar)	250	250	30

DIMERPACK 4210



CHARACTERISTICS

Braided packings made of PTFE/graphite yarn, reinforced by aramid in corners, providing mechanical strength and lubricated with silicon oil.

APPLICATIONS

Suitable for users of pumps and fittings encountering problems with highly abrasive media. It's perfect for piston pumps too. It permits the use with water, oils, liquid fuels, solvents and medium strong acids and bases.

	Valves	Piston pumps	Centrifugal pumps
v (m/s)	2	2	25
t (°C)		-100°C / +300°C	
pH value		1 - 14	
p (bar)	150	100	25

DIMERPACK 4220



CHARACTERISTICS

Zebra design braided packing made of PTFE, graphite and aramide, lubricated with parafin oil.

APPLICATIONS

Suitable for applications in minings, at abrasive medium, bilge and waste water.

	Valves	Piston pumps	Centrifugal pumps
v (m/s)	-	-	20
t (°C)		-100°C / +280°C	
pH value		3 - 12	
p (bar)	200	150	20

DIMERPACK 5100



CHARACTERISTICS

Braided packings of pure PTFE and impregnated with PTFE only. Packing is resistant to water, steam, oils, liquid fuels, solvents, acids and alkalis, except for strong oxidants.

APPLICATIONS

Suitable for use in rotodynamic pumps, piston pumps and industrial fittings in food, chemical and pharmaceutical industry. It can be also used in drinking water treatment plants.

	Valves	Piston pumps	Centrifugal pumps
v (m/s)	-	-	-
t (°C)		-200°C / +280°C	
pH value		0 - 14	
p (bar)	250	150	-

DIMERPACK 5110



CHARACTERISTICS

Braided packing made of pure PTFE with PTFE impregnation.

APPLICATIONS

Suitable for application with oxygen, foodstuff in pharmaceutical and chemical industry.

	Valves	Piston pumps	Centrifugal pumps
v (m/s)	2	2	-
t (°C)		-200°C / +280°C	
pH value		0 - 14	
p (bar)	250	250	-

DIMERPACK 5200



CHARACTERISTICS

Braided packing made of pure PTFE, with PTFE impregnation and lubricated with silicon oil. Packing is resistant to water, steam, oils, liquid fuels, solvents, acids and alkalis, except for strong oxidants.

APPLICATIONS

Suitable for use in piston pumps especially in chemical industry, power and heat stations.

	Valves	Piston pumps	Centrifugal pumps
v (m/s)	2	-	10
t (°C)	-100°C / +250°C	-	-100°C / +250°C
pH value	0 - 14	-	0 - 14
p (bar)	100	-	20

DIMERPACK 5300



CHARACTERISTICS

Braided packing made of GORE G4- PTFE yarn with graphite.

APPLICATIONS

Suitable for applications with high pressures for piston pumps and valves.

	Valves	Piston pumps	Centrifugal pumps
v (m/s)	-	2	-
t (°C)	-100°C / +280°C		
pH value	0 - 14		
p (bar)	600	300	-

DIMERPACK 5400



CHARACTERISTICS

Braided packing made of GORE GFO-PTFE yarn, lubricated with graphite. Packing does not flow and keeps its elasticity at extremely high or low temperatures.

APPLICATIONS

Suitable for sealing installation and equipment in the chemical, pharmaceutical, oil refining and food processing industries, especially in the chemical departments of the power supplying industry, etc.

	Valves	Piston pumps	Centrifugal pumps
v (m/s)	-	2	25
t (°C)	-100°C / +280°C		
pH value	0 - 14		
p (bar)	250	150	20

DIMERPACK 5410



CHARACTERISTICS

Braided packing made of PTFE/graphite yarn - an equivalent for DIMERPACK 5400.

APPLICATIONS

Suitable for use in petrochemical and chemical industry and papermills.

	Valves	Piston pumps	Centrifugal pumps
v (m/s)	2	26	26
t (°C)	-200°C / +280°C		
pH value	0 - 14		
p (bar)	250	80	35

DIMERPACK 5500



CHARACTERISTICS

Braided packing made of extruded PTFE with graphite, which is pure product and does not emit particles or emissions.

APPLICATIONS

Packing is suitable for sealing of pumps, valves and mixers in pharmaceutical, food and chemical industry.

	Valves	Piston pumps	Centrifugal pumps
v (m/s)	2	15	15
t (°C)	-100°C / +280°C		
pH value	2 - 14		
p (bar)	150	150	25

DIMERPACK 6100



CHARACTERISTICS

Braided packing made of pure expanded graphite yarn without additives. Due to its thermal and chemical resistance, self-lubricating properties and good thermal conductivity, the expanded graphite is perfect for high temperature braided packings used in both rotodynamic pumps and fittings.

APPLICATIONS

Suitable for use in stuffing boxes and fittings at temperature up to 450°C with water, steam, oils, solvents, salts, acids and alkalis with exception of strong oxidants. Packing is also applicable for inert gasses at the temperature +1000°C.

	Valves	Piston pumps	Centrifugal pumps
v (m/s)	2	50	50
t (°C)	-240°C / +650°C		
pH value	0 - 14		
p (bar)	450	170	30

DIMERPACK 6200



CHARACTERISTICS

Braided packing made of expanded graphite yarn, reinforced with SS-wire.

APPLICATIONS

Packing can be used in heat and power stations, refineries and chemical plants. Packing is also applicable for inert gases at the temperature +1000°C.

	Valves	Piston pumps	Centrifugal pumps
v (m/s)	2	50	50
t (°C)	-240°C / +650°C		
pH value	0 - 14		
p (bar)	500	200	30

DIMERPACK 6210



CHARACTERISTICS

Braided packing made of expanded graphite yarn, reinforced with SS-wire.

APPLICATIONS

Suitable for use in chemical industry, especially for close rings in valves. Packing is also applicable for inert gases at the temperature +1000°C.

	Valves	Piston pumps	Centrifugal pumps
v (m/s)	-	-	-
t (°C)		-220°C / +650°C	
pH value		0 - 14	
p (bar)	500	-	-

DIMERPACK 6400



CHARACTERISTICS

Braided packing made of expanded graphite yarn, with corrosion inhibitor.

APPLICATIONS

Suitable for use in chemical, petrochemical industry, refineries and power stations. Packing is also applicable for inert gases at the temperature +2000°C.

	Valves	Piston pumps	Centrifugal pumps
v (m/s)	2	40	40
t (°C)		-240°C / +650°C	
pH value		1 - 14	
p (bar)	400	50	30

DIMERPACK 6500



CHARACTERISTICS

Braided packing made of expanded graphite yarn, with PTFE impregnation.

APPLICATIONS

Suitable or use in chemical and petrochemical industry.

	Valves	Piston pumps	Centrifugal pumps
v (m/s)	-	2	20
t (°C)		-200°C / +280°C	
pH value		0 - 14	
p (bar)	300	100	20

DIMERPACK 6600



CHARACTERISTICS

Braided packing made of pure expanded graphite yarn, reinforced with inconel wire and processed with anti-corrosive agent.

APPLICATIONS

Packings are especially used at hot steam valves. Product is very suitable for extreme temperatures and pressures in chemical industry and power plants.

	Valves	Piston pumps	Centrifugal pumps
v (m/s)	2	-	-
t (°C)	-240°C / +650°C	-	-
pH value	1 - 14	-	-
p (bar)	400	-	-

DIMERPACK 6700



CHARACTERISTICS

Braided packing made of pure expanded graphite yarn, reinforced with inconel wire and special braiding, which provide special reinforcement and excellent sealing effect.

APPLICATIONS

Packings are especially used at extreme temperatures and pressures. It is recommended for use at hot temperature and steam armatures.

	Valves	Piston pumps	Centrifugal pumps
v (m/s)	2	-	-
t (°C)	-240°C / +650°C	-	-
pH value	1 - 14	-	-
p (bar)	400	-	-

DIMERPACK 6800



CHARACTERISTICS

Braided packing made of pure expanded graphite yarn, edges are reinforced with carbon fibres.

APPLICATIONS

Packings are especially used for sealing of pumps, mixers, valves and sliders in chemical aggressive environment in chemical, petrochemical and power supplying industry.

	Valves	Piston pumps	Centrifugal pumps
v (m/s)	2	40	40
t (°C)		-240°C / +650°C	
pH value		1 - 14	
p (bar)	400	50	30

DIMERPACK 7000



CHARACTERISTICS

Braided packing made of carbon fibre yarn, with graphite impregnation.

APPLICATIONS

Packings are used in applications with hot water, steam, gases, oils and solvents.

	Valves	Piston pumps	Centrifugal pumps
v (m/s)	2	25	25
t (°C)		-200°C / +450°C	
pH value		0 - 14	
p (bar)	300	100	50

DIMERPACK 7100



CHARACTERISTICS

Braided packing made of carbon fibre yarn, with PTFE impregnation.

APPLICATIONS

Packings are used in applications with hot water, steam, gases, oils and solvents.

	Valves	Piston pumps	Centrifugal pumps
v (m/s)	-	-	15
t (°C)		-60°C / +300°C	
pH value		0 - 14	
p (bar)	200	50	30

DIMERPACK 7200



CHARACTERISTICS

Diagonally braided packing from pure carbon fibres (carbon content 99 %).

APPLICATIONS

Packings are used in applications with hot water, steam, gases, oils and solvents in chemical and petrol industry.

	Valves	Piston pumps	Centrifugal pumps
v (m/s)	2	-	-
t (°C)		-240°C / +550°C	
pH value		1 - 14	
p (bar)	300	-	-

PRODUCT RANGE

Hydraulic seals
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