























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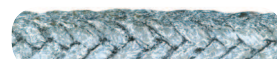
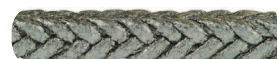
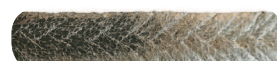
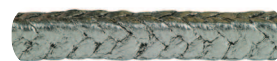
BRAIDED PACKINGS



Braided packings are the most common sealings used in stuffing boxes of pumps and fittings. Easy to-apply, versatile, long-lasting and relatively cheap, they are continuously a subject of users' interest, although the number of alternative solutions is growing steadily. Implementation of advancements in material engineering, new materials and ever further specialized material and design compositions, allow for the obtaining of better and more durable sealing solutions, provided that correct mounting and operation is ensured.

The key element to correct gland packing work is correct assembly. Tips and instructions how to install gland packings in both pumps and valves are available on our website, in the "braided packing" tab.

Designation and work parameters		Description			Typical application
605					Expanded graphite yarns with natural fibre leader. Used in stuffing boxes in rotating pumps in temperature up to 450 deg of Celsjus. For medias as: water, oils, solvents, salts, acids and bases. It is not recommended to work with high abrasive or strong oxidants media. Type 605 require good technical condition of stuffing box. Highly recommended in power plant and heat plant systems.
	T_{max} [°C]	-200°C ÷ 450°C / 2500°C**)*)			
	p_{max} [bar]	40	-	-	
	v_{max} [m/s]	40	-	-	
	pH	0-14			
6051					Expanded graphite yarns reinforced by Inconel wire. Used in suffing boxes of valve of high temperature armature. Can work with medias like: water, steam, oils, solvents, salts, acids and bases. It is not recommended to work with high abrasive or strong oxidants media. Highly recommended in power plant and heat plant systems.
	T_{max} [°C]	-200°C ÷ 450°C / 2500°C**)*)			
	p_{max} [bar]	-	-	320	
	v_{max} [m/s]	-	-	2	
	pH	0-14			
6055					Expanded graphite with corrosion inhibitor. Each yarn have special reinforcement of Inconel mesh. Used in suffing boxes of valve of extreme high temperature and pressure armature. Can work with medias like: water, steam, oils, solvents, salts, acids and bases. It is not recommended to work with high abrasive or strong oxidants media. Very common application in steam valves in power plants.
	T_{max} [°C]	-200°C ÷ 600°C / 2500°C*			
	p_{max} [bar]	-	-	600	
	v_{max} [m/s]	-	-	1,5	
	pH	0-14			
6057					Expanded graphite yarns reinforced by synthetic carbon fibre. Used in stuffing boxes in rotating pumps in temperature up to 550 deg of Celsjus. For medias as: water, oils, solvents, salts, acids and bases. It is not recommended to work with high abrasive or strong oxidants media. Type 605 require good technical condition of stuffing box. Highly recommended in power plant and heat plant systems.
	T_{max} [°C]	-200°C ÷ 550°C / 2500°C**)*)			
	p_{max} [bar]	40	-	100	
	v_{max} [m/s]	40	-	2	
	pH	0-14			
645					Expanded graphite with cotton leader fibre. Impregnated with PTFE dispersion. Used in stuffing boxes in rotating pumps and valves in temperature up to 280 deg of Celsjus. For medias as: water, steam oils, solvents, salts, acids and bases. It is not recommended to work with high abrasive or strong oxidants media. Type 645 pvides high chemical resistance and low friction coefficient.
	T_{max} [°C]	-200°C ÷ 280°C			
	p_{max} [bar]	25	-	100	
	v_{max} [m/s]	25	-	2	
	pH	0-14			



BRAIDED PACKINGS

*) in inert atmosphere **) w in steam up to 550°C

All information provided in this catalog based on many years of experience in the production and usage of these products. Due to the fact that the work of the seal in the flange connection is influenced by many factors resulting from the assembly method, operating parameters of the installation and the sealed medium, the parameters are indicative and do not give grounds for claims, and the specific use of products requires contact with the manufacturer.



Designation and work parameters		Description			Typical application	
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6080					Pure PTFE without lubricants.	Very high chemical resistant. Can be used in oxygen installations. Because of unique purity also in pharmaceutical industry.
	T _{max} [°C]	-150°C ÷ 280°C				
	p _{max} [bar]	8	60	150		
	v _{max} [m/s]	20	2	2		
	pH	0-14				



6081					PTFE fibre yarns with silicone oil.	Soft and very elastic gland packing characterized by low friction coefficient and very good chemical resistant. Dedicated to work in applications where use of graphite is forbidden.
	T _{max} [°C]	-200°C ÷ 280°C				
	p _{max} [bar]	20	80	40		
	v _{max} [m/s]	10	2	5		
	pH	0-14				



608					PTFE fibre yarns with composition of graphite and silicone oil.	Very popular gland packing dedicated for pumps and valves. Because packing is elastic and soft it suit to stuffing boxes easily. Very wide range of applications.
	T _{max} [°C]	-200°C ÷ 280°C				
	p _{max} [bar]	20	100	100		
	v _{max} [m/s]	10	2	2		
	pH	0-14				



6085N					Expanded PTFE with structure similar to GORE GFO, filled by graphite and silicone oil.	Versatile gland packing applications similar to GORE GFO. Especially used in high speed applications pumps in the power industry, chemical industry and in wastewater treatment installations.
	T _{max} [°C]	-200°C ÷ 280°C				
	p _{max} [bar]	20	200	300		
	v _{max} [m/s]	20	2	2		
	pH	0-14				





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Designation and work parameters	Description	Typical application
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6086 ZEBRA				<p>Combination of PTFE Yarns incorporated with graphite and best quality aramide yarns impregnated with PTFE.</p>	<p>Thanks to the special braiding this type of packing works very good in high speed rotating pumps with abrasive medias. It is very popular in sugar factories, cooling water systems, flotation and water treatment installations.</p>	
	T _{max} [°C]	-200°C ÷ 280°C				
	p _{max} [bar]	20	-			300
	v _{max} [m/s]	20	-			2
pH	2-13					



6087 ŻMIJKA				<p>Combination of PTFE Yarns incorporated with graphite and best quality aramide yarns impregnated with PTFE.</p>	<p>Reinforcement of corners by aramide yarns make this type resistant for damages in stuffing boxes of piston pumps and valves where type 6087 is strongly recommended to use.</p>	
	T _{max} [°C]	-200°C ÷ 280°C				
	p _{max} [bar]	-	200			300
	v _{max} [m/s]	-	5			2
pH	2-13					



6493S				<p>Cut fibre aramide yarns strongly impregnated by PTFE dispersion. Additionally covered by PTFE dispersion.</p>	<p>Gland packing with high mechanical resistance and good elasticity. It fits very easy to stuffing box shape. Dedicated to work in stuffing boxes of pumps and valves with high polluted fluids.</p>	
	T _{max} [°C]	-200°C ÷ 280°C				
	p _{max} [bar]	25	100			100
	v _{max} [m/s]	20	2			2
pH	2-13					



641				<p>Cotton yarns filled with special impregnate based on PTFE.</p>	<p>Recommended to use in stuffing boxes of pumps and valves in wide range of industrial applications. Resists for water, oils, fuels, greases and water solutions of salts, weak acids and bases.</p>	
	T _{max} [°C]	-50°C ÷ 120°C				
	p _{max} [bar]	8	60			150
	v _{max} [m/s]	8	2			2
pH	5-9					

