

## Tefapak RAM 220 packing

RAM 220 gland packing is made of PTFE and specially selected ramie fiber with a particularly high resistance to friction of wear. This packing is braided in square profiles, which during this process is deeply impregnated with PTFE dispersion. Because the fiber for packing production, is not bleached with chemical treatment, it keeps its full original strength and natural ivory-pale yellow color.

## Properties and advantages

The RAM 220 packing has excellent mechanical properties, such as: high mechanical strength, wear resistance as well as flexibility and low friction. Due to the large contents of PTFE, the packing has good sliding properties and ensures tightness at lower gland pressure, moreover it is neutral, does not colour and can be used in hygienic conditions. Unfortunately, like other natural fibers, the ramie is easily influenced by biological and chemical agents, and the temperature range is limited.

## Areas of applications

The RAM packing, like the other PTFE's packing from the Tefapak group, is designed for dynamic applications in rotating equipment. If the medium temperature is limited and there is no particular risk of chemical influences, the RAM 220 packing is a particularly durable and economical seal for the stuffing box. The domain of application for this packing are all clean water pumps, circulation pumps and in particular compressors and water ring pump.



The RAM 220 is a particularly effective solution, if the risks of chemical influences and high temperatures are limited.

## Operating parameters - RAM 220

	Scope of application			
	Temperature	-40 to 120°C		
	p <sub>max</sub> (bar)	20	100	100
	pH range	4 to 10 pH		
	V <sub>L</sub> (m/s)	10	2	2
	Operating factors and use limits	Load ratio max pV ~ 150 bar·m/s Average bulk density ρ ~ 1,2 g/cc Minimal bush hardness ~ 30 HRC		

## Range of sizes and packaging

Tefapak packing is available in fast delivery, directly from stock in the main range of square profiles with sizes from S6 to S25, with a tolerance of -5 / +10%. The size table shows the conversion factors and the average roll length of unit packages.

Tefapak packing is packed on spools of 2,5 or 5 kg, depending on the size, in accordance with the table below. The spools are packed in collective cartons of 20 kg net. Delivery on reusable wooden spools weighing from 20 to 30 kg is also possible. Large orders are carried out on pallets in the amount of 16 to 20 cartons with a total weight of 320 or 400 kg.



Square profiles [mm]	S6	S8	S10	S12	S14	S16	S18	S20	S22	S25
Linear mass weight [g/m]	50	83	125	175	240	310	390	490	590	770
Spool type	2,5 kg		5 kg					5 kg also 20 - 30 kg		
Converter to meters [m]	20	12	8	5,8	4,2	3,2	2,6	2	1,7	1,3
Roll length [m]	50	30	40	29	21	16	13	10	8,5	6,5