

## Tefapak GRF 260 packing

This gland packing is based on gPTFE, i.e. graphitized, expanded PTFE. The GRF rope is made of PTFE foil thin strips braided with graphite addition. The high graphite content improves thermal conductivity, sliding properties and reduces friction wear, which significantly extends the service life in dynamic applications.

## Properties and advantages

Tefapak GRF 260 packing is one of the most universal and popular sealants used in pumps and dynamic seals. Because the packing structure consists thin layers of PTFE film with graphite, this allows them to move and easily adapt the seal shape to the required installation. The GRF packing guarantees low coefficient of friction, good heat transfer, excellent mechanical properties, at the same time it keeps high chemical resistance of PTFE.

## Areas of application

Packing GRF 260 is designed for pumps operating with a small amount of impurities, they can be used for almost all chemical medium, except for abrasive media and strong oxidants. It is the soft sealant, easy for use and montage, therefore it is perfect for centrifugal pumps.



Graphite improves thermal conductivity, sliding properties and durability of the GRF.

## Operating parameters - GRF 260

	Scope of application			
	Temperature	-200 to +260°C		
	p <sub>max</sub> (bar)	20	400	200
	pH range	0 to 14 pH		
	V <sub>L</sub> (m/s)	20	3	2
	Operating factors and use limits	Load ratio max pV ~ 300 bar·m/s Average bulk density ρ ~ 1,5 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 S4 to S40, 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 20 cartons with a total weight of 400 kg.



Square profiles [mm]	S4	S5	S6	S8	S10	S12	S14	S16	S18	S20	S22	S25	S30
Linear mass weight [g/m]	29	43	60	100	155	220	290	380	500	600	720	940	1350
Spool type	2,5 kg				5 kg				5 kg also 20 - 30 kg				
Converter to meters [m]	35	23	17	10	6,4	4,6	3,4	2,6	2	1,7	1,4	1,05	0,75
Roll length [m]	88	58	42	25	32	23	17	13	10	8,3	7	5,3	3,7