

## Grafopak GTR 650 packing

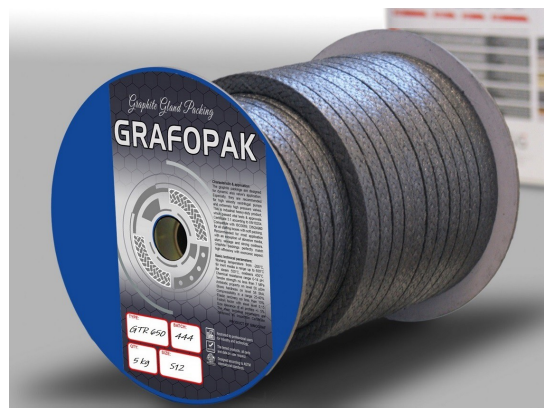
The GTR 650 packing is made of a special yarn based on a metal-graphite composite with addition of active inhibitors and antioxidants. This material is reinforced with the high temperature alloy mesh to increase strength in the highest range of parameters.

## Features and advantages

The high content of metal reinforcements prevents relaxation and risk of extruding the sealant from a gland, and it increases mechanical strength and allows the use of GTR packing in an extremely high pressure range. What is more, the metal braid mesh provides better flexibility and formability of packing, make easier montage and extend the working time.

## Areas of application

The GTR graphite packing reinforced with metal mesh is designed for repair and service of high-pressure power fittings. Perfectly suited for closing rings in valve glands and excellent replaces pure GDR graphite rings. Especially recommended where a long working time is required. Provided that the lock is properly made, it can also work in static seals of covers and flange connections.



The GTR 650 packing is designed for the service of high-performance power fittings, especially where the long service life is required.

## Operating parameters - GTR 650

	Scope of applications			
	Temperature	-100 to 600°C		
	p <sub>max</sub> (bar)	300	n/a	400
	pH range	1 - 14 pH		
	V <sub>L</sub> (m/s)	-	n/a	2
	Operating factors and use limits	Ratio pV - static applications only. Average density ρ ~ 1,40 g/cc Minimal bush hardness ~ 50 HRC		

## Range of sizes and packaging

The Grafopak GTR packing is delivered on spools of three sizes: 2.5 kg; 5 kg and 20 kg depending on packing size. In the case of small sizes up to S8 (8 x 8 mm square profile), these are 2.5 kg spools, sizes up to S30 - 5 kg spools. Above size S18, 20 kg spools can also be used. The spools are packed in collective cartons with 20 kg net and then on pallets.

GTR packing in square profiles from S4 to S30 is available in quick delivery, directly from stock. Their tolerance is on level ±10%. The table shows the method of packaging, conversion factors and average lengths on unit packages. In addition to the main series of sizes, there are square profiles: S28, S35, rectangular: 28x22, 70x20 and tapes with a width of 10 to 60 mm.



Square profiles [mm]	S4	S5	S6	S8	S10	S12	S14	S16	S18	S20	S22	S25	S30
Linear mass weight [g/m]	25	36	50	83	125	165	230	290	380	460	560	720	1000
Spool type	2,5 kg				5 kg				5 also 20 kg				
Converter to meters [m]	37	25	17	9,8	6,4	4,6	3,4	2,7	2,2	1,8	1,5	1,15	0,75
Roll length [m]	92	61	43	25	32	23	17	13,5	11	8,9	7,4	5,7	3,8