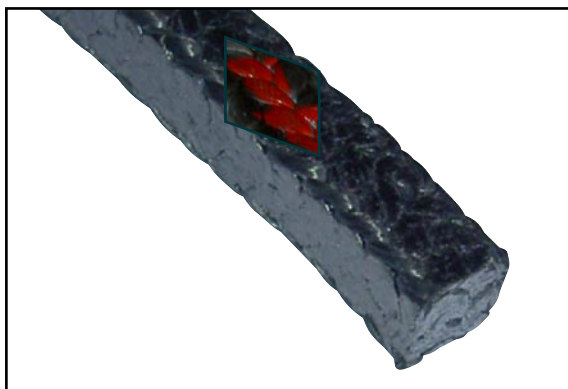


## Trapez-Pack® 55

### Combination Braid from expanded graphite tape and carbon fiber as corner reinforcement

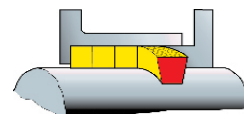


New developed expanded graphite yarn with integrated carbon fibre reinforcement

p [bar]	25	65	300
v [m/s]	30	2	-
t °C	-200 ... +400 (550 in steam)		
pH	0 - 14		
g/cm <sup>3</sup>	1.10		

#### Main areas of application:

- Pumps
- Valves
- Armatures
- Gate valves



#### Characteristics:

- After installation TP55 turns from trapezoid into square shape providing an even pressure distribution in the entire stuffing box, avoiding outside leakage and minimising the wear of both the shaft and the packing. This extends the life of the packing and improves the sealability. It also provides short and reliable run-in periods
- Universal plantwide use in static and rotating applications
- Wear and extrusion stability through carbon fibre corner reinforcement
- Non-hardening, good reset capability, coefficient of thermal expansion like steel
- High temperature resistant and excellent heat and electric conductive
- Self lubricating excellent use in pumps, minimising the need of flushwater, used as pump packing shaft hardness HRC 45 is recommended
- Easy to cut, assemble and disassemble
- Low coefficient of friction minimises the adjustment force in valves
- No shaft wear, very good dry running characteristic
- Rings should be compressed to a density of 1.3 to 1.4 during installation
- Style TP55 can be used as bullrings for Style A44
- **We recommend die formed rings**

#### Suitable for:

- Power stations, boiler houses, petrochemical and paper industries

#### Form of delivery:

This packing can be manufactured from 6 to 30 mm square as well as in intermediate, inch sizes and special measurements.

04 - 09 mm	on	1 kg spool	Special length, pre-cut or die formed rings on request.
10 - 15 mm	on	2.5 kg spool	
16 mm and above	on	5 kg spool	

1 kg of packing of the following cross-sections is equivalent to displayed metre lengths:

[size]	06	1/4"	08	3/8"	10	7/16"	12	1/2"	14	15	16	18	19	20	22	25
[m]	25,3	22,5	14,2	10,1	9,1	7,5	6,3	5,6	4,64	4,04	3,55	2,81	2,52	2,27	1,88	1,45

All technical information and advice is based on our experience and will be given most conscientiously but without any liability. Indication and figures need to be examined by the user. All sizes are subject to manufacturing tolerances. We reserve the right to modify specifications at any time.