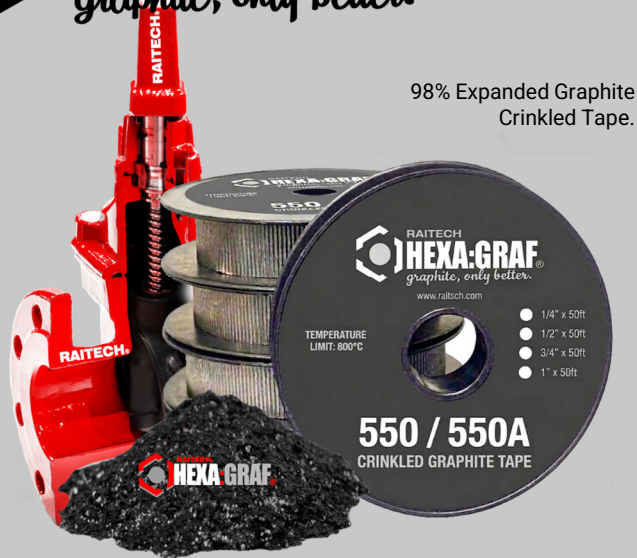


HEXA:GRAF® 550/550a graphite, only better.

Data Sheet.

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98% Expanded Graphite
Crinkled Tape.

The most homogeneous form of HEXAGRAF®, for valve sealing stems.

HEXAGRAF® 550 / 550A tape is manufactured from high-purity expanded graphite (minimum 98%).

Its corrugated texture facilitates malleability and compression, allowing for the formation of sealing rings on-site.

Available with a self-adhesive backing for easy installation on vertical surfaces.

Valve packing: It is wrapped around the valve stem to prevent leaks. When the gland is tightened, the tape compacts and creates a custom-fit sealing ring.

Emergency repairs: If you don't have a gasket of the exact size for a flange, the corrugated tape can get you out of a bind by forming a sealing ring on-site.

Heat exchangers and pressure vessels: Thanks to its chemical resistance, it is ideal for equipment handling aggressive chemicals or superheated steam.

Key advantages:

Thermal range: Withstands temperatures from cryogenic to approximately 450°C in oxidizing environments (and much higher in inert media).

Self-lubricating: Reduces friction on valve stems, extending equipment life.

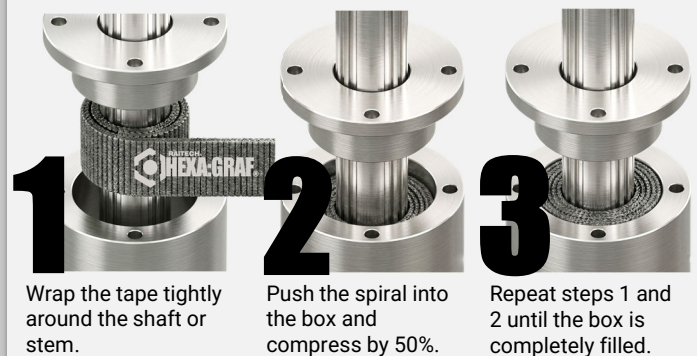
Chemical resistance: Compatible with almost all fluids (pH 0-14), except for very strong oxidizers.

TECHNICAL DATA

Properties:	HEXA:GRAF® 550	HEXA:GRAF® 550A Tape
Composition:	98% Expanded Graphite, Crinkled Tape	98% Expanded Graphite + PSA Adhesive, Crinkled Tape
Density:	62.43	62.43 Lb/ft3
Temperature, Max:	1,202	1,202 °F (Inert Atm.)
Temperature, Min:	-346	-346 °F
Temperature, Continuous:	842	842 °F
Max. Pressure, Rotating:	145	145 Psi
Max. Pressure, Static:	2,901	2,901 Psi
Max. Pressure, Valves:	4351	4351 Psi
pH Range:	0-14	0-14
Thickness Tolerance:	±5	±5 %
Shaft Speed:	3,935	3,935 fpm
Thicknesses:	0.5mm (0.020")	0.5mm (0.020")
Width / Length: 50 ft Rolls	1/4", 1/2", 3/4", 1"	1/4", 1/2", 3/4", 1"
Chemical Composition:	Sulfur: <700ppm Chlorine: <50 ppm Carbon: >98% Ash: <1.4%	

***The maximum temperature and pressure limits should not occur simultaneously.*

E-Z - Installation.



1 Wrap the tape tightly around the shaft or stem.

2 Push the spiral into the box and compress by 50%.

3 Repeat steps 1 and 2 until the box is completely filled.

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All technical information and recommendations given in this document are based on our experiences, however, we do not accept any liability. The data and values presented must be reviewed by the user, assuming that success in sealing can only occur by evaluating all parameters and variables directly on the job site. The parameters in this document are approximate and may have mutual influence if they occur simultaneously, please contact us in critical applications or where there is doubt.