

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.

**Trusted Sealing Solutions.**

