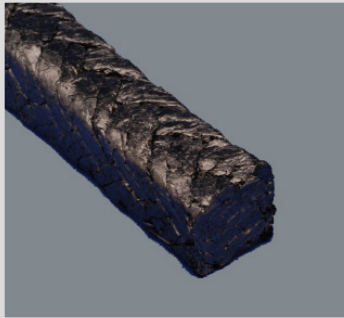


# Packing Style: 7800



## APPLICATION/SERVICE

The outstanding properties of Style 7800 make it a truly multi-service packing capable of a wide variety of uses throughout a plant. Style 7800 may be used in valves, pumps, expansion joints, mixers and agitators in the hostile environments of hydrocarbon processing, pulp and paper, power generation, metal-working and other industries where effective sealing is vital.

## CONSTRUCTION

Style 7800 packing is manufactured from high purity flexible graphite that is expanded and formed into a braidable yarn and then braided without binders or wire reinforcement. The finished product retains all the inherent benefits of flexible graphite: heat resistance, chemical inertness, low friction, self lubrication, and ready conformability.

## TEMPERATURE

Minimum: -400°F (-240°C)

Maximum:

- In air, 840°F (450°C)
- In steam, 1200°F (650°C)
- In inert gas, 1830°F (1000°C)

## PRESSURE

Rotating 435 psi (30 bar)  
 Reciprocating 2900 psi (200 bar)  
 Static 4350 psi (300 bar)

## SHAFT SPEED

3900 fpm (20 m/s)

## PH RANGE

0-14 (except strong oxidizers)

Thickness	ft/lb	Thickness	ft/lb
1/8"	106	1/2"	9.1
3/16"	51	9/16"	RFQ
1/4"	33	5/8"	5.6
5/16"	19	3/4"	4.3
3/8"	14.1	7/8"	3.2
7/16"	RFQ	1"	2.3