



Style 283R

Soot Blower packing

Construction

Style 283R is constructed with a pre-braided centre of carbon yarn pre twisted with graphite exfoliant. The operational temperature of the centre braid exceeds 850°F(454°C) in oxidizing service (air) and 5000°F(2760°C) in non-oxidizing service (steam). Around this centre is a braided single layer of Inconel wire, which aids in extraction of the whole sealing ring in one piece. This combination assures that little or no “consolidation” occurs from the degradation of materials. The centre core is over braided with high temperature Polyimidazole textiles

Characteristics

The outer braid maintains integrity during continuous use at 700°F(371°C) and at short-term excursions up to 800°F(427°C). It serves to provide substantial and continuous strength against the shaft. This is an advantage over other sealing materials such as PTFE types that degrade and harden at the operational temperatures resulting in helical scoring of the shaft during tube run-out. The outer structure protection of the inner, pure core is the mechanical and thermal braid requirement for long term soot blower sealing success.

Applications

Effectively seals soot blowers, including long retract systems.

As with any product designed to operate in critical operations, this product and its installation must be clearly understood. In addition, the user should have full knowledge of the operating considerations of the equipment in which it is to be installed.

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