



TBP Converting, Inc.
Saint Gobain AGP 200 PDS

DISTINCT
ADVANTAGE

NORSEAL 

AGP 200

Flame Resistance

Automobiles are constructed with a multitude of very small parts, each needing a certain degree of flame retardancy to increase passenger safety in event of an emergency.

In the HVAC system, high-performance gaskets seal the air stream that goes into the cabin. Keeping the air as pure as possible, even during hazard events, is important to the cabin environment. While the primary function of the gaskets is to seal against air and water, flame resistance is also important.

An ASTM 4986 horizontal burn test was performed to understand and measure the flame retardancy behavior of several gaskets used in and around automotive HVAC systems. High-performance gaskets such as **Norseal**® AGP 200 will resist flame/ burn spread and burn at a slow rate to maximize safety.

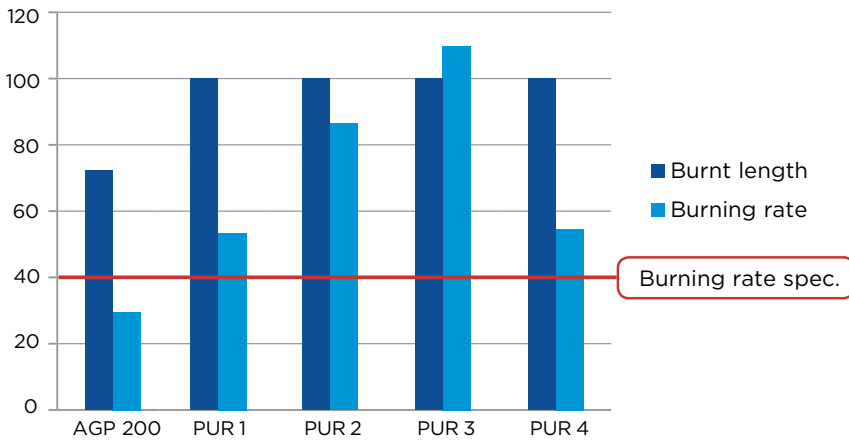


FEATURES

- Trusted by several OEMs to seal their most difficult application
- Patented bio-based chemistry
- Soft; available in a wide range of thicknesses to cover the multiple gap tolerances


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Norseal AGP 200 vs. Competitive Polyurethane Foams



Test Methodology

- ASTM 4986 Horizontal
- Apply a blue flame (20 mm height) on the foam specimen for 30 seconds
- Start measurement when the flame reaches 25 mm of the foam
- Measure the distance burnt as well as the burning rate
- The limit is 40 mm/min

Results

Norseal AGP 200

- Excellent burn rate of only 30 mm/min. All other competitors fail to meet 40 mm/min. limit.
- Lowest burn length as compared to four competitive polyurethane foams.

Other Products

- None of these polyurethane foams have been successfully tested according to the ASTM 4986 Horizontal Burning Flame norm.



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