



PRESS-SEAL CORPORATION

Providing products and services that protect our planet's clean water supply

January 2, 2020

CERTIFICATE OF COMPLIANCE

Product: **Butyl-Nek**

We certify that Butyl-Nek is in requirements of the ASTM C990-09 Specification for Bitumen Sealant and all other known applicable Federal, State and Municipal specification regarding bitumen preformed plastic gaskets used on concrete pipe, manholes, box culverts and other similar concrete structures. We also certify that Butyl-Nek manufactured by the Henry Company at its Houston facility meets the following specification requirements.

Testing In Accordance to ASTM C990-09 Specification for Bitumen Sealant

Physical Property	Test Method	Specification Requirement
Bitumen (hydrocarbon blends), % by Weight	ASTM D4	50 min.
Ash-Inert Mineral Matter, % by Weight	AASHTO T111	25 min.
Volatile Matter, % by Weight	ASTM D6	3 max
Specific Gravity at 77°F	ASTM D71	1.15 min / 1.40 max
Ductility at 77°F, cm	ASTM D113	5.0 min.
Flash Point C.O.C.	ASTM D92	350°F min.
Fire Point C.O.C	ASTM D92	375°F
Softening Point	ASTM D36	320 °F min.
Cone Penetration at 77°F, 150 gm, 5 sec, dmm	ASTM D217	50 min / 120 max.
Chemical Resistance	ASTM C990 Sec. 9.1.11	No deterioration, no cracking, no swelling

This certification does not guarantee any field application or testing performance criteria. These criteria are controlled by product dimensions and tolerances, as well as field installation conditions and techniques, which are outside the control of the manufacturer.

Sincerely,
PRESS-SEAL CORPORATION

Brad Carpenter
Quality Manager