March 2, 2009

Universal Polymer & Rubber, LTD Custom Extrusions

15730 S. Madison Road Middlefield, OH 44062 1-888-297-1014

Certification

This is to certify that the rubber gaskets as furnished by Universal Polymer & Rubber/Custom Rubber Extrusion to E.C. Babbert & Company will meet or exceed the specifications ASTM C-361 (ASTM C-1619, Class A), ASTM C-443 (ASTM C-1619, Class C), AASHTO M-315, and other known applicable state, municipal, and Federal specifications for rubber gaskets used on concrete pips and structures.

Mill analysis results for physical requirements are as follows:

Properties	Results
Tensile strenght, min, psi	2650
Elongation at break, min, %	590
Shore durometer hardness, nominal	40 +/-5
Compression set, max, % of original deflection	. 9
Accelerated aging, max, % of original	
Decrease in tensile strength	10
Decrease in elongation	14
Liquid immersion, max. % weight increase	
Water absorption	2 (
Ozone resistance, 72h exposure in 50 pphm	No visible cracking in accordance
Ozone concentration at 104 deg F	with test method ASTM D-1149

Charles LaFleur

Manager Industrial Pipe Seals

Universal Polymer, Custom Extrusions Division