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Company Standards for Product Testing

Pipe Wrap LLC is committed to ensuring all products meet or exceed applicable Regulatory Codes and Standards through validation testing only by reputable Independent Testing Laboratories that follow American Society of Testing and Materials (ASTM) Test Protocols.

The U.S. – based Regulations and Standards that determine Pipe Wrap LLC product testing standards for compliance.

49 CFR Part 192	Transportation of Natural and Other Gas by Pipeline	www.ops.dot.gov
49 CFR Part 195	Transportation of Hazardous Liquids by Pipeline	www.ops.dot.gov
ASME B31-3	Process Piping Design	www.asme.org
ASME B31-4	Pipeline Transportation Systems for Liquid Hydrocarbons and Other Liquids	www.asme.org
ASME B31-8	Gas Transmission and Distribution Systems	www.asme.org
ASME PCC-2	Repair of Pressure Equipment and Piping	www.asme.org
49 CFR Part 172	Transportation and Communication of Hazardous Materials	www.ops.dot.gov
ANSI/NSF61	National Standards Foundation	www.nsf.org
SARA/Title III Sec. 313	Environmental Protection Agency (EPA); Toxic Chemical List – See Note Below	www.epa.gov
40 CFR Part 261	EPA Hazardous Material Classification – See Note Below	www.epa.gov
IARC	International Agency for Research on Cancer; UN	www.iarc.fr

NOTE: Components of Pipe Wrap LLC Products are NOT on this list

On December 14, 1999 in the U.S. Federal Register, the final DOT ruling for changes in materials and methods for Gas Pipeline Repairs was published. The sections affected by this charge are:

49 CFR 192.309(b), 192.485(a), 192.487(a), 192.713, 192.717.195.416(f)

The following are a partial list of ASTM and PCC-2 Test Protocols related to the Pipe Wrap LLC. Products. For an extensive list, reference Pipe Wrap LLC Product Testing Reports by Stress Engineering Services and Gulf Coast Laboratory Services

ASTM D3039	Standard test method for Tensile strength, Tensile modulus	www.astm.org
ASTM D5379-05	Standard test method for Shear strength, Shear modulus, Shear Failure Strain	www.astm.org
ASTM E831	Standard test method Thermal Expansion	www.astm.org
ASTM D660	Standard test method for Glass Transition	www.astm.org
ASTM D3039	Standard test method for Poisson's Ratio	www.astm.org
ASTM D2583	Standard test method for Barcol Hardness	www.astm.org
ASTM D790	Standard test method for Flexural Modulus	www.astm.org
ASTM G42-95	Standard test method for Hydrostatic Burst	www.astm.org
ASTM G95-87	Standard test method for Cathodic Disbondment	www.astm.org
ASTM G42	Modified Cathodic Disbondment test per Exxon Mobil protocol	upon request
ASTM D 454	Standard test method for Pull –Off Adhesion	www.astm.org
ASTM G14	Standard test method for Impact Resistance	www.astm.org
ASTM D3165-00	Standard test method for Lap Shear	www.astm.org
PCC-2 Appendix III	Short Term Pipe Spool Survival Test	www.astm.org