



EPE* and PVC** with plastic helix reinforcement Put To A Heat Test.

EPE Outperforms PVC.



A-371 EPE with plastic helix reinforcement

A-370 PVC with plastic helix reinforcement

We performed a heat test in an air circulating oven on both an EPE and PVC with plastic helix. At 120°F the PVC lost its shape (see photo above) and had a 2% decrease in I.D. The EPE however was tested at 230°F and had no change in shape or I.D.

WALL TYPE	Hours in oven	Temperature of oven	I.D. Change due to test
PVC	126	120°F	Decrease 2%
EPE	126	230°F	No Change

^{*} EPE – Ethylene Propylene Elastomer

^{**} PVC—Polyvinyl Chloride