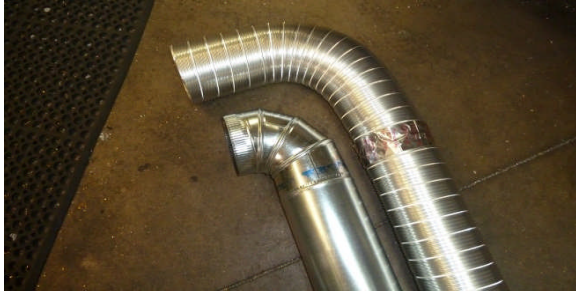


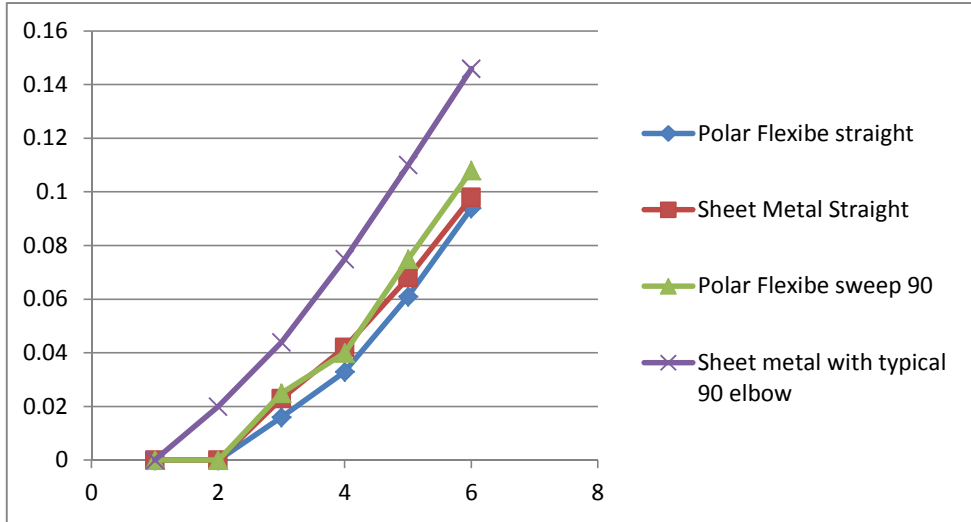
**This data is for 6 in duct with and without 90**



**This the 90 bends we tested. Polars flexible duct was much less restrictive.**

**Wind tunnel showing damper to control Test CFM**

CFM	80	100	120	140	160	180
Polar Flexibe straight	0	0	0.016	0.033	0.061	0.094
Sheet Metal Straight	0	0	0.023	0.042	0.068	0.098
Polar Flexibe sweep 90	0	0	0.025	0.04	0.075	0.108
Sheet metal with typical 90 elbow	0	0.02	0.044	0.075	0.11	0.146



**The CFM is controlled by positioning the damper door until the manometer maintains the setting based on the wind tunnel manufacturers constants.**

**This is a test comparison for 6" duct . The samples are positioned on the intake side of the wind tunnel with and without 90 degree sweep bend or a typical elbow.**

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