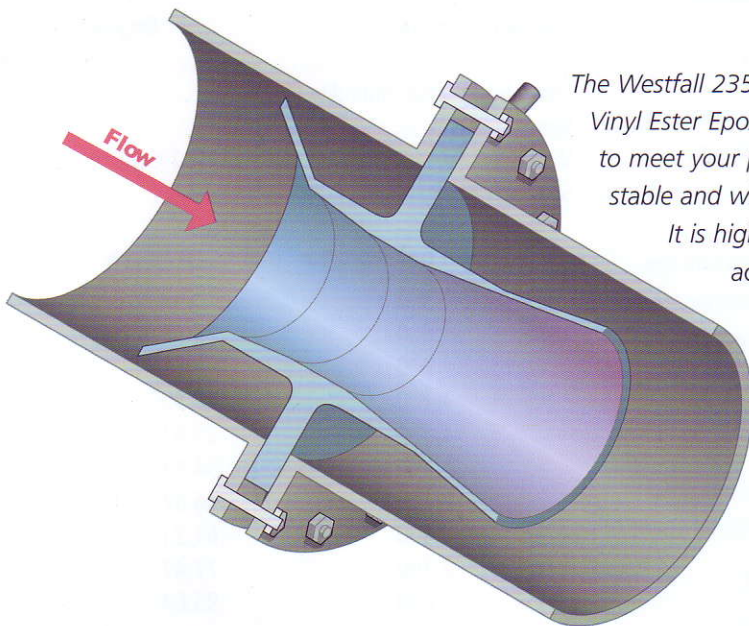


WESTFALL

Model 2350 Series Venturi Flow Meter

When Space is at a Premium

When your installation has to fit a tight profile, the Westfall Model 2350 is the answer for flow metering with minimal headloss. The Model 2350 is our shortest laying length venturi, with the same easy installation, minimal maintenance requirements and accuracy offered by longer models. Get superior performance for less money with the corrosion resistant Westfall 2350.

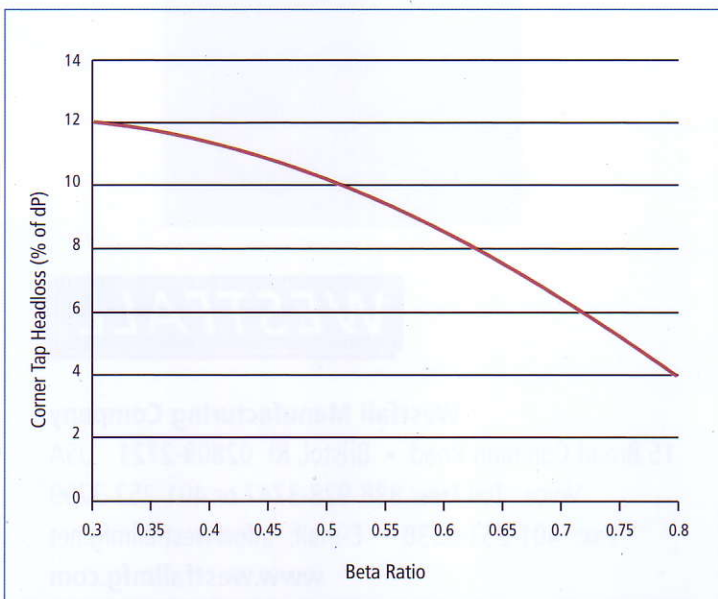


The Westfall 2350 Venturi is made of Fiberglass Reinforced DERAKANE® Vinyl Ester Epoxy in a wide range of standard and custom sizes to meet your particular application. This material is dimensionally stable and will ensure accurate flow measurement for long life.

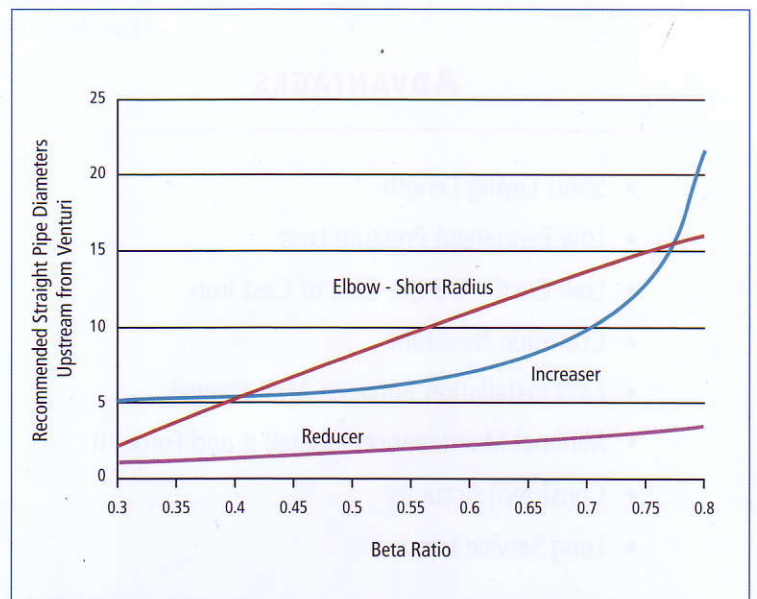
It is highly corrosion resistant, self-scouring, and can accommodate a wide range of line fluids, line pressures and temperature conditions up to 350°F.

It can be supplied with Bronze, Stainless Steel or other metal throat materials. The carbon steel holding flange is coated with Vinyl Ester Epoxy and has 316 Stainless Steel pressure connections. The Model 2350 comes ready to install with neoprene flange gaskets, to fit pipes from 3/4" to 120".

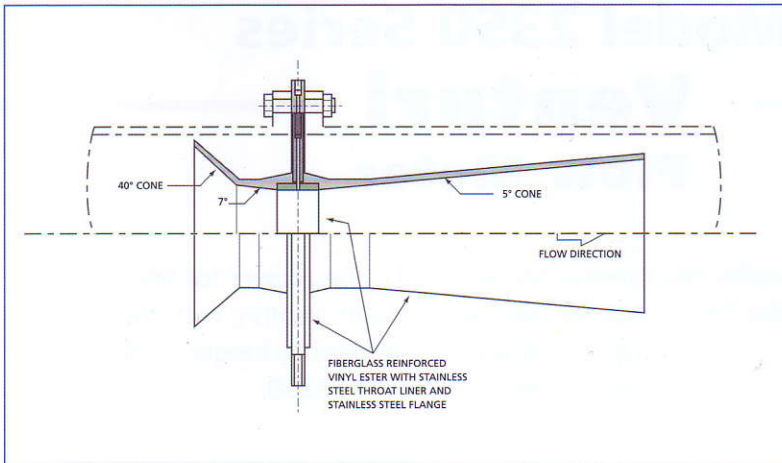
Head Loss Curve



Piping Curve



When a Smaller Venturi Fits Your Needs



Longitudinal Section of Westfall Model 2350 Venturi

With more than 50 years of experience producing custom Venturi Flow Meters, Westfall Manufacturing has perfected production of these dependable devices in a variety of versions to meet our clients' requirements.

Time may be money, but space is also a valuable commodity. We manufacture the very short laying length Model 2350 to provide high accuracy and low permanent pressure loss to fulfill this need. The flow conditioning within the inlet section allows for closer coupling with upstream pipe fittings.

Do you have two-way flow?

A special reverse flow bi-directional Venturi is available for systems where water flows in during one cycle and out during another.

APPLICATIONS

- ◆ Municipal and Industrial Flow Meter Measurement
- ◆ Potable Water
- ◆ Waste Water
- ◆ Wide Range of Industrial and Commercial Gas Flow Measurement

ADVANTAGES

- Short Laying Length
- Low Permanent Pressure Loss
- Low Cost – 1/3 the Cost of Cast Iron
- Corrosion Resistant
- Easy Installation Between ANSI Flanges
- Minimal Maintenance – Install it and Forget it
- Consistent Accuracy
- Long Service Life

Sample for Quoting the 2350 Venturi

The following data is typically provided for venturi calculations.

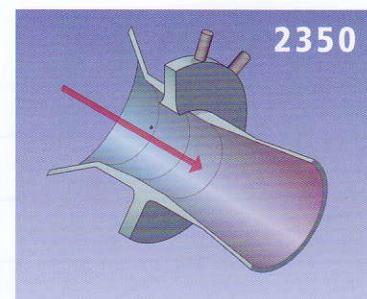
• SAMPLE •

Differential Producer Calculation

Pipe Diameter	12.000 Inches
Throat Diameter	7.250 Inches
Beta Ratio	0.6042 Inches
Meter Type	Corner Tap Univ. Type Venturi
Throat Material	FRP
Line Fluid	Water
Rate of Flow	3,000 Gallons per Minute
Differential Pressure	95.64 Inches of Water
Head Loss	8.6 Inches of Water
Line Temperature	60 Degrees F
Line Pressure	25 PSIG
Line Relative Humidity	Percent
Standard Temperature	Degrees F
Standard Pressure	PSIG
Standard Relative Humidity	Percent
Specific Gravity	
Viscosity	1.122 Centipoise
Specific Heat Ratio	

Gallons per Minute Inches of Water

300	0.99
600	3.83
900	8.61
1,200	15.30
1,500	23.91
1,800	34.43
2,100	46.87
2,400	61.21
2,700	77.47
3,000	95.64



WESTFALL

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Westfall Innovates – Others Imitate