



# Spunstrand®

620 North Post Street • Post Falls, ID

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**Spunstrand<sup>®</sup>**

*If You Can Draw It,  
We Can Build It!*



**Filament Winding  
In Action**





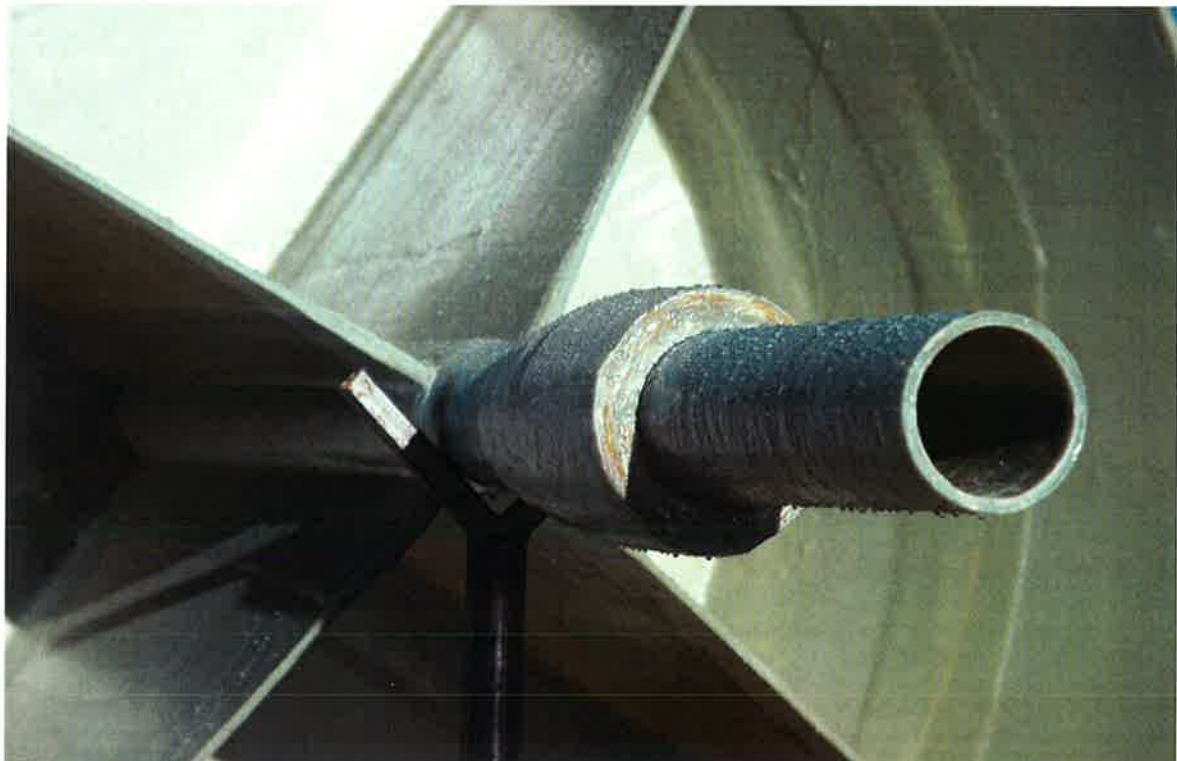
**Winding of  
Rectangular  
Duct**

**... Chopped,**



**or Laid-Up  
By Hand ...**

**Our Custom  
Products Will  
Meet or Exceed  
Your Expectations!**





**Our Duct Sizes Range From  
2" Through 144" Diameter**



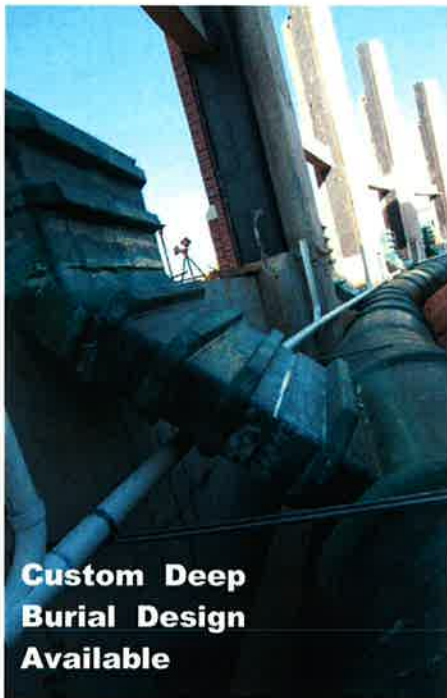
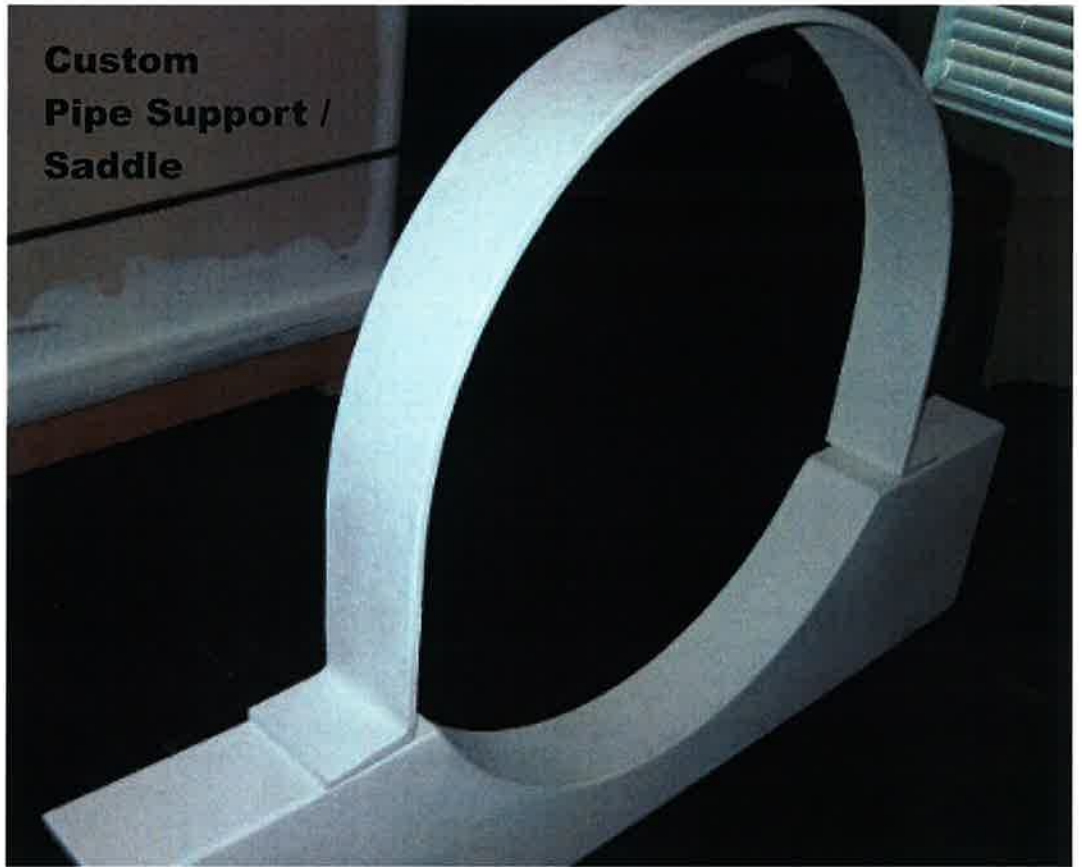
**Custom Underslab Silencers  
Certified Acoustical Tested**



**Factory Manifolding  
Available For Easy  
installation!**



**Custom  
Pipe Support /  
Saddle**



**Custom Deep  
Burial Design  
Available**



**Custom Animal  
Enclosures  
For a Zoo**



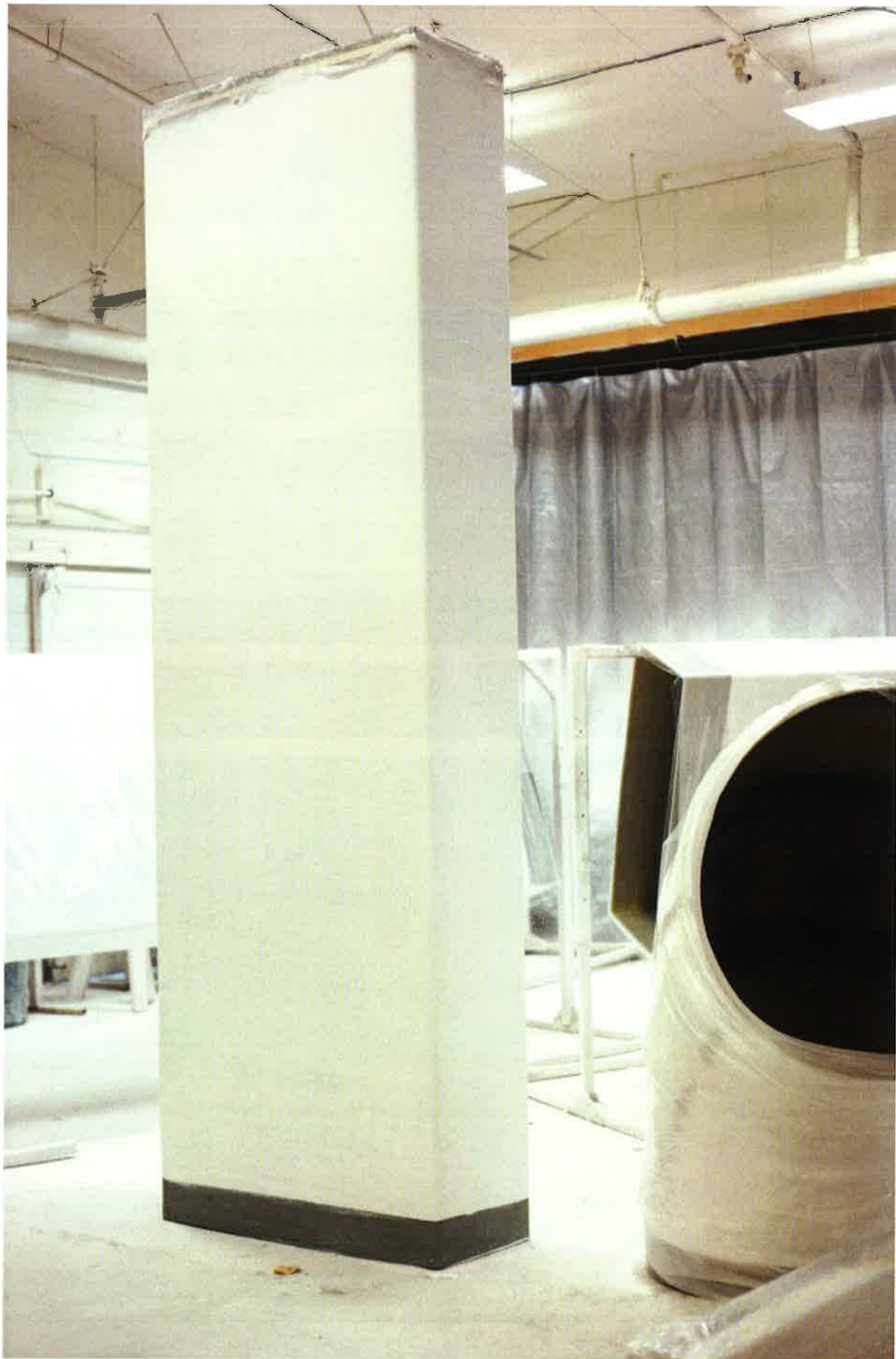
**ICC Listed and Code Approved Commercial Ductwork**



**Corrosion Resistant Industrial Duct**



**Spunstrand Offers Square,  
Rectangular and Oval Ductwork**



**Gel Coat Offers Water & UV Protection for Outdoor Duct**

**Packaged and Prepared For Shipment**



**Industrial Corrosion Liners Available for  
Most Chemical Environments**

**Call Us With Your Custom Tank Order!**



**No Project Is Too Big**



**Tanks Manufactured to Your Specifications**



**Fiberglass Reinforced Plastic (FRP) Tanks**





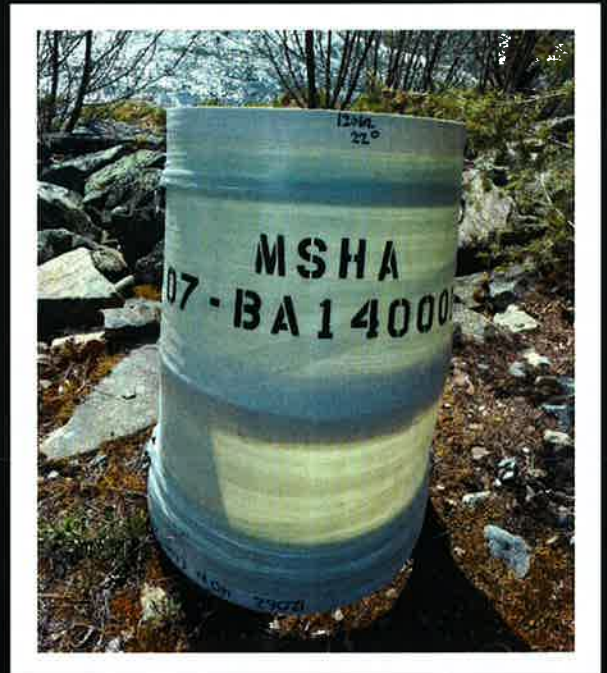
# MSHA APPROVED MINE DUCT



FRP Round Ventline



All Mine Duct  
Receives  
MSHA Labels



26" Ø 22.5 Deg.  
Elbow



**We can arrange freight for your order, providing you the best transportation rates available to us.**

**Will-Call option is also available.**





**Some of  
The Nicest  
Buildings  
Are Built on  
Spunstrand Duct!**





**US Court House  
Seattle, WA**



**UTC  
Hobbs**

**Spunstrand<sup>®</sup>**

*If You Can Draw It,  
We Can Build It!*

# SPUNSTRAND<sup>®</sup> INC. LINE CARD

MAKING YOUR PROJECT OUR PRIORITY SINCE 1959!



## COMMERCIAL & RESIDENTIAL UNDERSLAB HVAC DUCTWORK

Since 1959 Spunstrand<sup>®</sup> Inc. has been manufacturing underslab HVAC ductwork in both FSK and pre-insulated designs for underground applications. Spunstrand<sup>®</sup> Inc. duct is manufactured using the filament wound method to provide the greatest strength for direct burial applications. A foil scrim kraft, or FSK, inner surface liner provides a UL class 1 rating for this product when used in underslab applications. It is available in standard round sizes 2" diameter through 96" diameter. Rectangular duct and FRP boots are options. Factory pre-insulated duct with listed and code approved R-values of R-4, R-6, R-8, R-10 & R-12. ICC Approval Link: [http://www.icc-es.org/reports/pdf\\_files/ESR-1681.pdf](http://www.icc-es.org/reports/pdf_files/ESR-1681.pdf)

## INDUSTRIAL & MUNICIPAL FUME EXHAUST AIR DUCT

Spunstrand<sup>®</sup> Inc. filament wound industrial products are manufactured using standard guide specifications based on the National Bureau of Standard PS 15-69, SMACNA Thermoset FRP Duct Manual, and the RTP-1 applicable standards. They are also manufactured to ASME, ASTM, ANSI, Military specs, or for your custom application.

## ZERO LEAK & BALANCING DAMPERS

Spunstrand<sup>®</sup> Inc. manufactures both Zero-Leak (ZL) and Balancing Dampers (BA) for the corrosive fume handling industry for a variety of environments and applications. These dampers can be used to regulate air-flow, or isolate a particular part of a system. They are constructed of FRP providing a durable corrosion resistant product for numerous applications.

## CARBON SCRUBBERS (Vertical & Horizontal Bed)

After decades of manufacturing standard horizontal bed scrubbers, Spunstrand<sup>®</sup> Inc. Pioneered a complete line of FRP vertical bed scrubbers. These scrubbers eliminate the need for crawling into a hazardous space to service carbon beds. In addition, the vertical bed design provides the lowest visual profile and greatest design flexibility in the carbon scrubber industry. Designs include a four bed single pass unit sized for 40,000 CFM. Standard horizontal bed designs are available.

## MIST / GREASE ELIMINATORS

Horizontal airflow FRP Grease / Mist Eliminators are made to handle 99% removal efficiency for moisture and 80% removal efficiency for grease. Both filter medias are removable for on-the-spot cleaning.

## SILENCERS

Fibersonic Silencers<sup>®</sup> are made of fiberglass reinforced polyester and can be used where corrosive air prevents the use of standard metal silencers. Available in sizes up to 72" ID and 144" in length. Tested in accordance with ASTM E-477.

## FRP STORAGE TANKS

Chemical or water FRP Storage Tanks are filament wound and manufactured to ASTM & ASME specifications. They are available in sizes 2' diameter - 14' diameter.

## MINE & TUNNEL VENTILATION DUCT

In 1960, our company built the first filament winding machine to produce FRP mine ventilation duct, and started an entirely new industry. These first non-metallic ducts were a big improvement over the heavier and conductive metal ducts. Our mine and tunnel ventilation ducts maintain a MSHA approval as a Class 1 rated duct system, and have been used in mining and tunneling applications now for 54 years. Spunstrand<sup>®</sup> Inc. has a variety of duct configurations available to suit the needs of most any situation our customers may encounter.

## SPECIALTY PRODUCTS

Spunstrand<sup>®</sup> Inc. is capable of meeting your needs with a variety of customized products where composite materials solve challenging problems of your customers. We are the premier custom fabricator for duct design and engineering. ***If you can draw it, we can build it!***



**WARNING:** This product can expose you to chemicals including benzene and formaldehyde, which are known to the State of California to cause cancer, and benzene which is known to the State of California to cause birth defects or other reproductive harm. For more information go to: [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).