

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

MAKING YOUR PROJECT OUR PRIORITY SINCE 1959!

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## 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 168" 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).