Make the right choice...

GSM

BLACK LIQUOR HOSE

Coupled hose assemblies for recovery boilers subject to severe conditions in the pulp and paper industry

GSM Black Liquor Hose has proven to be the safest and most durable hose used in the pulp and paper industry. This rugged assembly consists of an insulated hose capable of handling black liquor up to 450˚F, 250 PSI, with stainless or carbon steel armor covering, fittings and clamps or ferrules. Simply specify the I.D., length and type of end connections needed.

A GSM hose is dependable and will last longer even in the severe conditions present in pulp and paper mills. When there is less down time for hose replacement or repair caused by worn or damaged hose, production is increased.

This uniquely insulated and armored hose assembly protects against the high temperatures generated by the boilers. The armor also provides resistance to vibration that can damage unprotected hose and assists in preventing tearing, puncturing and kinking that is often a problem where movement and extreme temperatures are present.

Please contact GSM with questions on the particular application of this and all GSM products.
Standard sizes for GSM Black Liquor Hose are between 1 1/4" and 2 1/2", although other sizes are available.

GSM Advantages

- **Protects hose against heat and abrasion, kinking, collapsing and oscillation stress.**
- **Increased flexibility**
- **Lasts longer**
- **Cost effective**
- **Safe**
- **Smooth bore tube reduces pressure drop**

GSM INDUSTRIES, INC

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Part of the

DIXON GROUP

BLH93

GSM BLACK LIQUOR HOSE - 840E

Specifications

For use on recovery boilers for black liquor service in the pulp and paper industry.

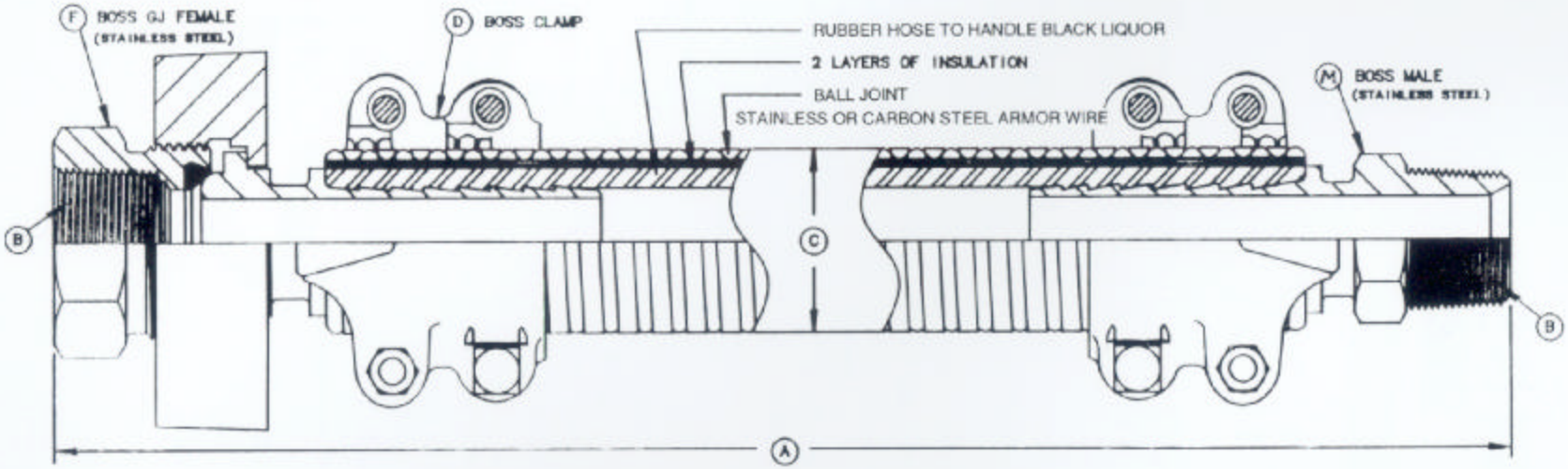
Hose Construction

Outer Cover: *GSM BALL-JOINT ARMOUR* - galvanized or stainless steel

Insulation: Continuous filament fibrous glass - Rated up to 1,000°F

Inner Hose: TUBE - Special butyl blend, multiple wire braid reinforcement
COVER - EPDM

Hose I.D.	Approx. O.D.	Approx. Wt/Ft	Working Pressure	Bend Radii
1"	1 54/64"	2.25	250	6"
1 1/4"	2 14/64"	2.75	250	7 1/4"
1 1/2"	2 30/64"	3.50	250	8"
2"	3"	4.50	250	10"
2 1/2"	3 41/64"	5.20	200	13"



Hose I.D.	A	B Thread Size	C O. D.	D Clamp	M Male	F Female
1"	*	1" - 11 1/2"	1 54/64"	B - 10	RMS - 11	RGF - 36
1 1/4"	*	1 1/4" - 11 1/2"	2 14/64"	B - 19	RMS - 16	RGF - 51
1 1/2"	*	1 1/2" - 11 1/2"	2 30/64"	B - 24	RMS - 21	RGF - 61
2"	*	2" - 11 1/2"	3"	B - 29	RMS - 26	RGF - 81
2 1/2"	*	2 1/2" - 8"	3 41/64"	B - 34	RMS - 31	NA

* Length to be determined by customer
** Couplings can be M x M, M x F, F x F

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