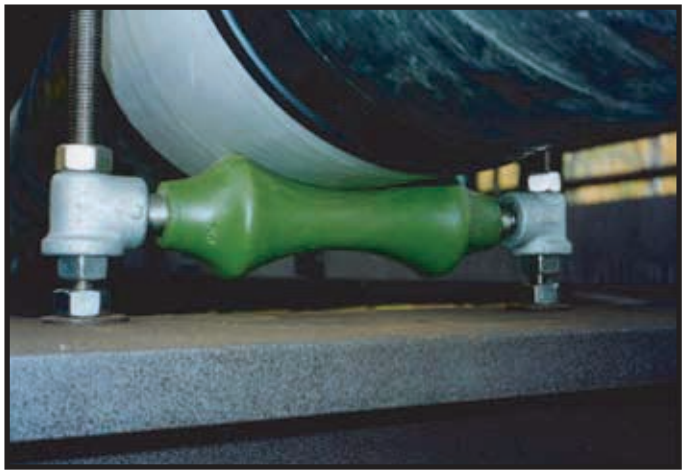
NON-CONDUCTIVE PIPE ROLLERS

PREVENT THE PASSING OF CURRENT FROM THE PIPELINE TO BRIDGE STRUCTURE, REBARS, ETC.



Can be used in conjunction with

FRP Type #240 Roll-On Shields™

- Maintain same support strength of pipe hanger system
- Eliminate chafing and pipe coating damage caused by cast iron rolls
- Eliminate electrical grounding of the pipeline to the bridge structure
- Eliminate insulting joints at each end of bridge, and include the suspended line as part of the cathodic protected pipeline, i.e., continuity of cathodic protection.
- Absorb vibration from traffic of other sources, saving wear and tear on pipe hanger parts.
- Highest specification polyurethane compound is cast around a stainless steel sleeve to form a full length bearing surface for the axle.
- Direct replacement for cast iron rolls.

LB&A, INC

LINN BROWN & ASSOCIATES

A UTILITY SERVICE COMPANY

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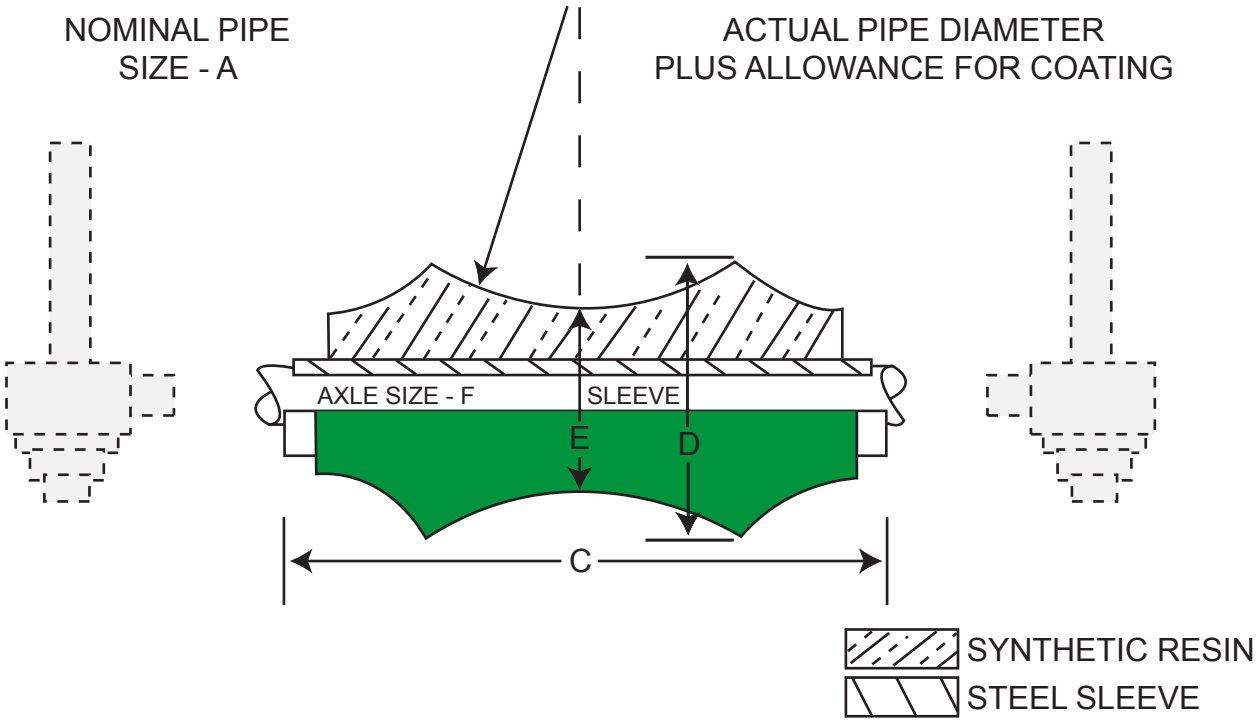
NON-CONDUCTIVE PIPE ROLLER DIMENSIONS
HANGER MOUNTED MODEL



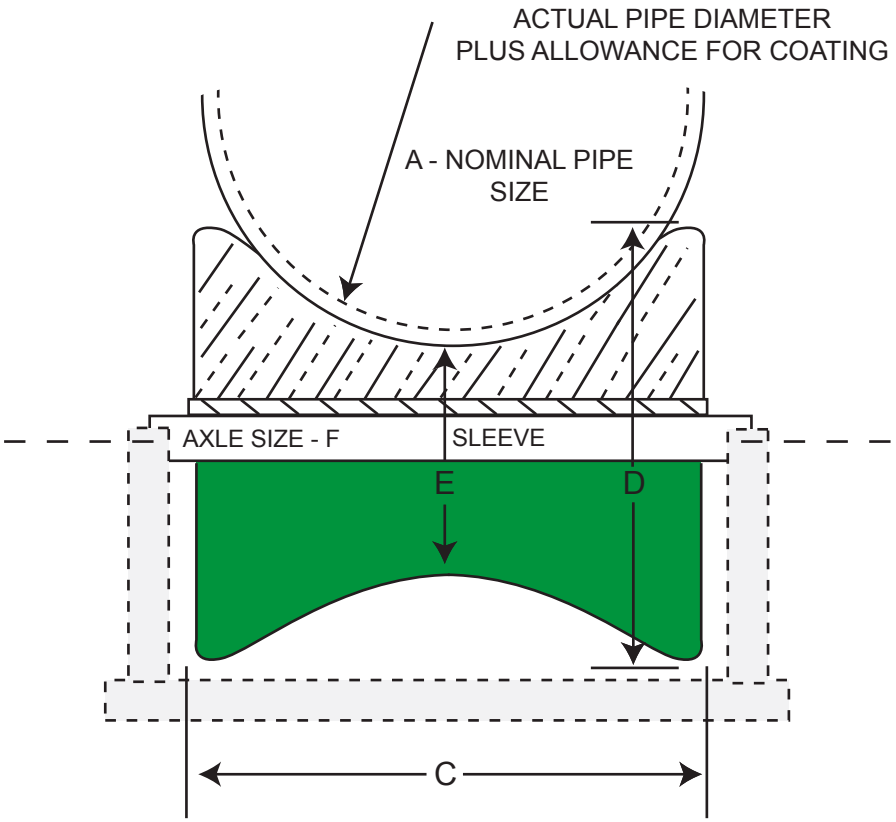
HANGER RODS, NUTS, SOCKETS AND
AXLE ARE DESCRIBED IN OUR PIPE HANGER CATALOG

(IN INCHES)

MODEL NUMBER	NOMINAL PIPE SIZE - A	C	D	E	F
2 H	2	2 5/8	1 1/4	13/16	3/8
2 1/2 H*	2 1/2	3 1/4	1 1/2	7/8	1/2
3 H	3	3 3/4	1 5/8	7/8	1/2
4 H	4	4 3/4	2	1 1/2	1/2
5 H	5	5 13/16	2 3/8	1 1/2	5/8
6 H	6	6 7/8	2 3/4	1 3/4	3/4
8 H	8	8 7/8	3 1/8	2 1/8	7/8
10 H	10	11	3 5/8	2 1/8	7/8
12 H	12	12 1/2	4	2 1/8	1
14 H	14	14 1/2	4 1/2	2 1/2	1 1/8
16 H	16	16 1/4	5	2 5/8	1 1/4
18 H	18	18 3/8	5 9/16	2 3/4	1 1/4
20 H	20	20 1/4	5 3/4	3 1/2	1 1/4
24 H	24	24 1/4	7 1/16	4 1/8	1 1/2
LARGER SIZES ON SPECIAL ORDER					

*SPECIAL ORDER

NON-CONDUCTIVE PIPE ROLLER DIMENSIONS
STAND MOUNTED MODEL



SYNTHETIC RESIN
STEEL SLEEVE

(IN INCHES)

MODEL NUMBER	NOMINAL PIPE SIZE - A	C	D	E	F
2 S	2	2 5/8	2	13/16	1/2
3 S	3	2 5/8	2 1/8	1 1/8	1/2
4 S	4	3 3/4	2 9/16	1 1/8	1/2
5 S	5	3 3/4	2 3/8	1 1/8	1/2
6 S	6	3 3/4	2	1 1/8	1/2
8 S	8	6	3 3/8	1 3/8	3/4
10 S	10	6	3 1/8	1 5/8	3/4
12 S	12	8	3 7/8	2 3/4	7/8
14 S	14	9 1/8	4	2 3/4	7/8
16 S	16	9	3 7/8	1 3/4	1 1/8
18 S	18	9	4	1 15/16	1 1/8
20 S	20	9	4	1 7/8	1 1/8
24 S	24	10	4 7/16	2 1/4	1 1/4
SPECIAL ORDER ROLLERS AVAILABLE ON QUOTE BASES.					

*SPECIAL ORDER

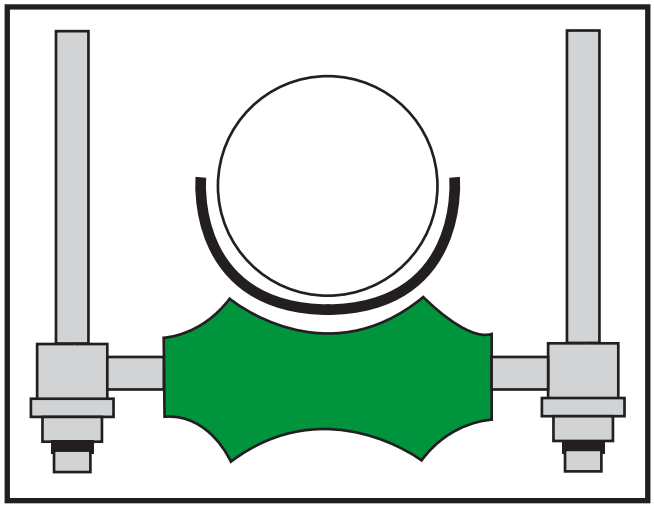
PHYSICAL PROPERTIES LIST

We list below the key properties of the casting compound we use in our NON-CONDUCTIVE PIPE ROLLERS. We suggest that you accept no less a standard of excellence in order to have long term durability, weatherability and performance.

A roller that has cold flowed under the load placed upon it (time, temperature and weight) will develop a flat spot and cease to roll. A bound roller will pull the whole support system out of line, first in one direction and then in the other, resulting in metal fatigue and ultimate failure. A small economy in the price of your rollers can cost a thousand times the "saving" in a failed support system.

CUSTOM COMPOUNDED POLYETHER TYPE POLYURETHANE

Hardness, Shore A		98
Tensile Modulus, psi at 100%		2542
Tensile Strength, psi		6764
Elongation, %		247
Die C Tear, pli		477
Spit Tear, pli		130
Compression Set, Method B, %		21
Bashore Resilience, %		39
Compression Modulus, psi:	at 5%	500
	at 10%	850
	at 15%	1175
	at 20%	1600
	at 25%	2125



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