

NUMAFLEX™

Fittings

The UCC Environmental (UCC) NUMAFLEX™ Fittings reduce material build-up and blockage in the pneumatic conveying of dry scrubber ash. Due to its high calcium content, dry scrubber ash will build up and harden in the presence of moisture. Thermal and elastic properties of NUMAFLEX material reduce condensation while flexing during normal conveying cycles to loosen surface buildup. Suitable for high pressure applications, the UCC NUMAFLEX Fittings outperform carbon steel and cast iron elbows in dry scrubber applications.

**UCC NUMAFLEX
90° ELBOW**



FEATURES

- **Material:** Natural Gum Rubber
- **Reinforcement Material:** Nylon
- **Pipe Ends:** 150# ANSI Flange Bolt Circle
- **Pressure Rating:** Full Vacuum to 50 psig
- **Maximum Working Temperature:** 180 °F
- **Centerline Radius Sweep:** 30 inches
- **Wall Thickness:** 1 inch
- **Elbows:** 45° and 90°

ADVANTAGES

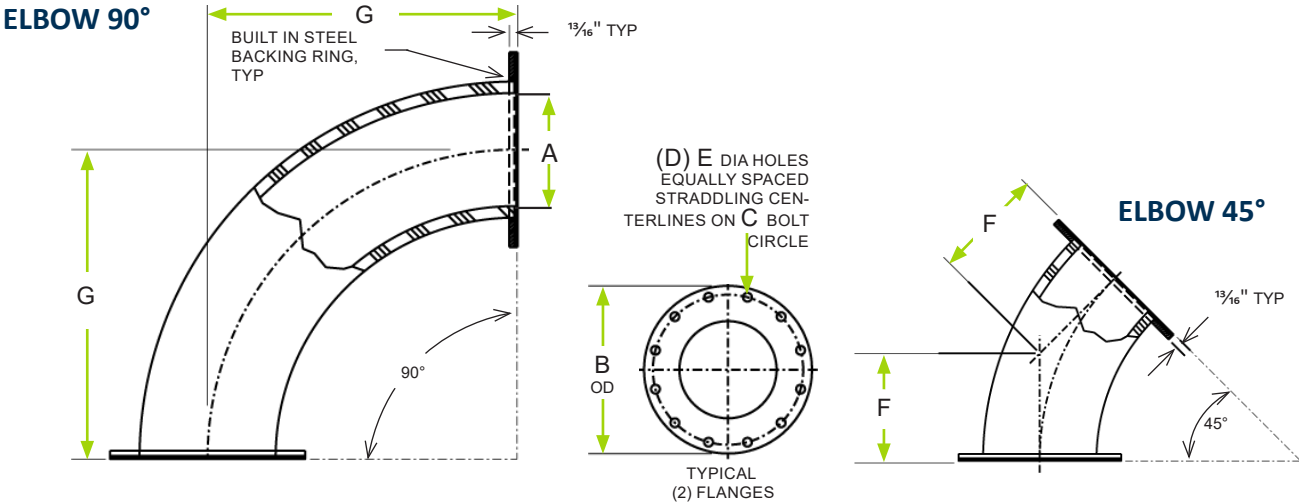
- **Reduced Material Buildup and Blockage**
 - Superior resistance to ash buildup versus carbon steel or cast iron elbows in dry scrubber applications
 - Long radius sweep reduces pressure drop, turbulence and material buildup resulting in increased capacity
 - Low material thermal coefficient reduces condensation and ash buildup
 - Elastic material flexes during normal conveying cycles to loosen any surface buildup
- **Cost-Effective Alternative to Insulating or Heat Tracing Elbows**
- **Simple and Fast Installation**
 - Drop in replacement with industry standard 150# ANSI inlet and outlet flanges
 - Popular sizes are in-stock and ready for immediate delivery

**UCC NUMAFLEX
45° ELBOW**



NUMAFLEX™

Fittings



PIPE SIZE	DIM. A	DIM. B	DIM. C	DIM. D	DIM. E	DIM. F	DIM. G	EST WT. (LBS)	
								45°	90°
6"	6"	11"	9½"	8	⅞"	12⅞"	30"	30	55
7"	7"	13½"	11¾"	8	⅞"	12⅞"	30"	32	60
8"	7¾"	13½"	11¾"	8	⅞"	12⅞"	30 ⅛"	35	65
9"	9"	15½"	13¾"	8	⅞"	12⅞"	30"	38	70
10"	10"	16"	14¾"	12	1"	12⅞"	29⅞"	40	77
11"	11"	19"	17"	12	1"	12⅞"	30⅞"	45	90
12"	12"	19"	17"	12	1"	12⅞"	30⅞"	50	98
14"	14"	21"	18¾"	12	1⅞"	12⅞"	30"	58	120

ORDERING INFORMATION

Please reference UCC Drawing: No. 2-1710-374