

# Wide Radius Anti-Wear Elbows EXTRACURVE™



## INNOVATIVE DESIGN

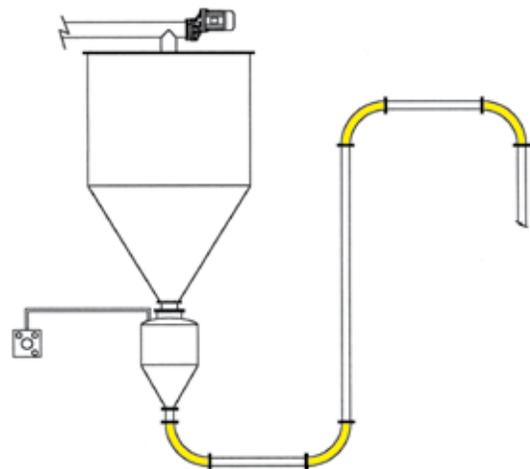
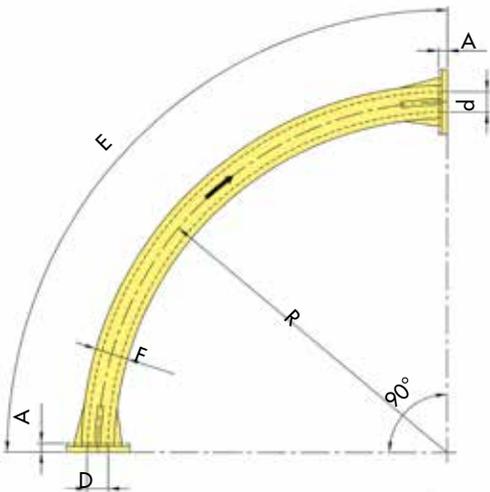
EXTRACURVE™ are highly elastic, wide radius Pipe Elbows which are inserted as a link in pneumatic conveying ducts. They are manufactured from a one-piece SINT™ engineering polymer cast with a helicoid spring core. Its great flexibility and excellent resistance to wear results in double durability as the Elbow can be simply mounted in reverse position as soon as it shows any sign of wear.

### Technical Features

- SINT™ engineering polymer-cast body design
- Wide material impact zone
- SINT™ versions for plastic pellets, granules, sand and fine, abrasive or chemically highly aggressive powders
- Higher resistance to wear than traditional carbon or stainless steel pipe elbows
- Flexible and lightweight
- Particularly suitable for retrofitting
- For both vacuum and positive pressure conveying, as well as low density dilute phase pneumatic conveying
- No material contamination
- No risk of mechanical degradation or biochemical decomposition of the material



### Overall Dimensions



Type	Ø Piping	A	Ød	ØD	E	ØF	R	kg
EW2	2"	23	52	55	1,400	85	900	7.3
EW3	3"	30	80	83	1,400	110	900	9.6
EW4	4"	30	105	108	1,400	140	900	13.4

## Benefits

- ✓ Elasticity of SINT™ ensures conveying of material without particle breakdown, grinding or jamming;
- ✓ Considerable reduction of flow resistance, consequently energy saving pneumatic conveying;
- ✓ Eco-friendly;
- ✓ Low cost for installation, pipeline support and installation, due to compact design;
- ✓ No risk of clogging;
- ✓ Self-cleaning;
- ✓ Reduced noise level.

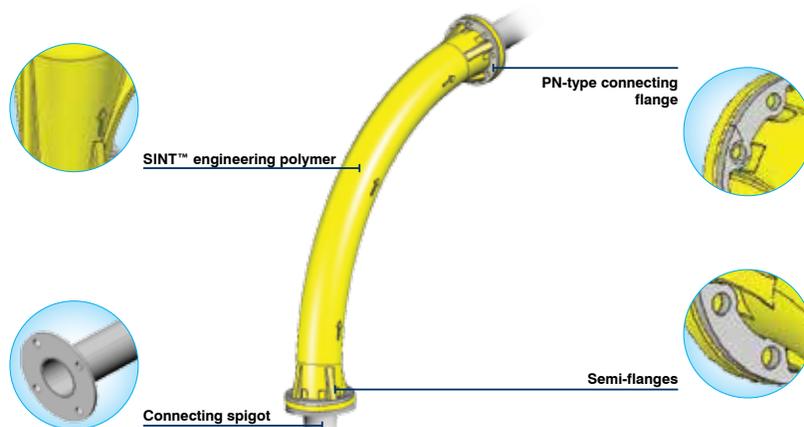
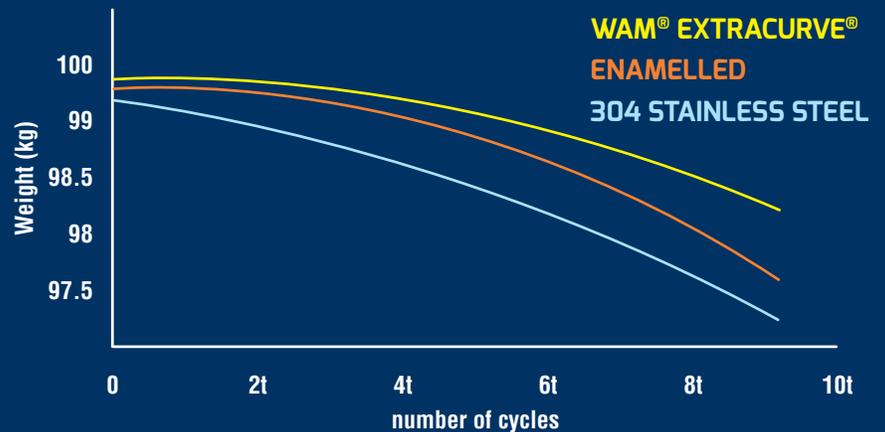


DURABLE = LOW MAINTENANCE COSTS

FLEXIBLE AND ADAPTABLE = LOW INSTALLATION COSTS

LIGHTWEIGHT AND COMPACT DESIGN = NO NEED FOR LIFTING EQUIPMENT

## MEASURED WEIGHT vs NUMBER OF CYCLES (1 BAR)



## Options

- Connecting spigot for existing ducts
- Food-grade version (FDA-approved)

# Application



Plastics Processing



DryMix Processing



Flour Milling



Building & Construction



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