

## Siloflex Aeration Hose



Our Siloflex aeration hose is a unique dual surface system tested according to DIN EN ISO 9237 (DIN 53887) for the aeration of bulk powders and granular in silos and silo wagons. The yellow surface is Polyurethane coated increasing the abrasion resistance and most importantly sealing the polyester jacket. The opposite upper surface is uncoated and air permeable allowing flow of air to escape the jacket thus fluidising bulk powder and granular materials, to prevent compacting.

### HOSE JACKET & LINING

The hose jacket is a 100% polyester high tenacity yarn with circular woven, special plain weave with two red warp threads with defined air permeability.

Siloflex aeration hose has an anti-rot construction, is ageing and ozone resistant. Weather resistant and is minimum maintenance. One side yellow Polyurethane coated, the other uncoated for air permeability.

### AIR PERMEABILITY

Tested according DIN EN ISO 9237 (DIN 53887). Test surface 20 cm<sup>2</sup>.

### LENGTHS

Standard and non-standard lengths up to 100 metres. Maximum loose hose length 500 metres made to order.

### CHARACTERISTICS

- One side air permeable, the other side PU-coated.
- Good abrasion resistance and long service life.
- All synthetic, anti-rot construction.
- Lightweight and flexible, easy to coil.
- Ageing and ozone resistant – weather resistant.
- Minimum maintenance.
- Cold resistant to – 30 °C.
- Heat resistant up to + 80 °C.



*Hose Construction:  
One plain side, one PU coated*



*Standard colour, special weave*

Inlet Pressure	L/m <sup>2</sup> · s
0.01 bar	approx 3.8
0.02 bar	approx 5.6
0.03 bar	approx 5.9

Internal Diameter	Flat Width	Weight	Tensile Strength
mm	mm	g / m	kg
52	84	160	2.2
71*	113	210	3.0
75	120	240	3.2

\* standard diameter 71mm, other diameters available on request (minimum quantity 500 metres)