Synflex by Danfoss 1300 Composite Metal/Plastic Tubing

- Tube diameters 6 ... 12mm
- Combines the advantages of both metal and plastic tubing
- Provides neat looking bends without special bending tools
- Low weight of a plastic pipe and the self-supporting and malleability of a metal pipe
- Waterproof, vapor-tight, low permeability suitable for wet and moist environments
- Corrosion and chemical-containing atmospheres resistant
- Excellent chemical compatibility
- Connection with standard compression and push-in fittings
- Formerly also known as Dekabon tubing

Technical features

Medium:
Compressed air

Operating pressure:
Refer to technical data below

Ambient/Media temperature:
-40°C to +80°C

Material:
Composite - Polyethylene/ Aluminium

Model numbers

Colour	Length (m)	O/D, I/D tube (mm)			
		6,0 / 3,9	8,0 / 5,3	10,0 / 6,2	12,0 / 8,1
Black	75	13000600/75	13000800/75	13001000/75	13001200/75
Black	300	13000600/300	13000800/300	13001000/300	–

Model numbers

Dimension O/D	Tolerance O/D	Tensile strength (break load) at 25°C	Crush resistance	Minimum burst pressure at 25°C	Tube recovery after crush	Weight
mm	mm	(kg)	(kg)	(bar)	(%)	kg/100m
6,0	+0,13/-0,28	45	135	115	75	2,0
8,0	+0,13/-0,28	60	150	115	75	3,2
10,0	+0,15/-0,30	110	220	115	70	5,7
12,0	+0,15/-0,30	135	180	98	75	7,5

Warning

These products are intended for use in industrial compressed air systems only. Do not use these products where pressures and temperatures can exceed those listed under **»Technical features/ data«.**
Before using these products with fluids other than those specified, for non-industrial applications, life-support systems or other applications not within published specifications, consult Norgren Ltd.
Through misuse, age, or malfunction, components used in fluid power systems can fail in various modes.

The system designer is warned to consider the failure modes of all component parts used in fluid power systems and to provide adequate safeguards to prevent personal injury or damage to equipment in the event of such failure.
System designers must provide a warning to end users in the system instructional manual if protection against a failure mode cannot be adequately provided.
System designers and end users are cautioned to review specific warnings found in instruction sheets packed and shipped with these products.