

1300

Synflex by Danfoss 1300

Hose construction: **Inner tube:** Aluminum composite **Cover:** Polyurethane

Operating temperature: For water-based fluids: -40 °C to +80 °C (-40 °F to +179 °F)

Hose color(s): Black perforated

Benefits for customers:

- No clamps and ties required – assembly time reduction
- Combines the advantages of both metal and plastic tubing
- Tubing can be used in very wet or moist environments
- Bending of the tube does not require any tools (can be done by hand)
- Can be used inside the earth without additional protection sleeve

Part	Size Dimensions			Pressure				Bend		Weight		
#	Tube I.D.	Tube O.D.		Max Operating Pressure		Burst Pressure		Min. Bend Radius		Weight		
		in	mm	in	bar	psi	bar	psi	mm	in	Kg/m	lbs./ft
1300-044	4.32	0.17	6.30	0.25	28.8	418	115	1668	19	0.75	0.024	0.016
1300-066	6.35	0.25	9.48	0.37	28.8	418	115	1668	32	1.26	0.051	0.034
1300-086	9.65	0.38	12.65	0.50	24.5	355	90	1305	50	1.97	0.069	0.046
1300-M06	4.00	0.16	6.00	0.24	28.8	418	115	1668	19	0.75	0.024	0.016
1300-M08	5.30	0.21	8.00	0.31	28.8	418	115	1668	25	0.98	0.039	0.026
1300-M10	6.20	0.24	10.00	0.39	28.8	418	115	1668	32	1.26	0.058	0.039
1300-M12	8.13	0.32	12.00	0.47	24.5	355	98	1421	40	1.57	0.075	0.050
1300-M14	9.75	0.38	14.00	0.55	24.5	355	90	1305	50	1.97	0.096	0.065
1300-M15	10.75	0.42	15.00	0.59	20.0	290	65	943	50	1.97	0.10	0.069

Typical application:

- Pneumatic instrumentation and control lines located in the very wet or moist environment
- Air and gas sampling