



ULTRA-LITE SUPERBRAID



Technical Description

Thanks to the special production techniques, this hose keeps what it promises, even after frequent use and under extreme conditions. Ultra-Lite is made of polyurethane which is reinforced by a hose braid made of Dacron Polyester. Unlike conventional 3-layer textile hoses where the individual layers are not permanently bonded to each other, our Nycoil Ultra-Lite is specially made. The hose is heated and the different layers, textile and PU, melt to form a permanent bond with each other. Thanks to this process, the Ultra-Lite is extremely flexible and, above all, extremely durable. Its high level of flexibility and low weight make for easy handling. The Ultra-Lite retains its properties down to temperatures as low as -40°C.

Advantages

- Approx. 20% lighter than comparable hoses
- Further weight reduction through production of threaded couplings and hose nuts in light aluminium
- This allows us to reduce the total weight of the hose system, with all advantages of easy hose handling
- Extremely flexible even down to -40°C
- Anti-kink
- Highly temperature-resistant
- Easy do-it-yourself assembly
- of couplings, plugs or fixed screw connections from various Rectus series (available with protective sleeve on request)

Working Temperature:

-40°C up to +75°C

Maximum Operating Pressure:

see chart

Color:

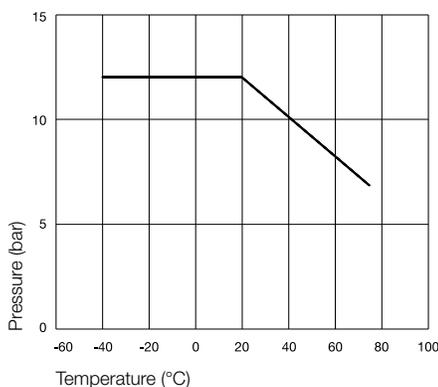
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All technical data refers to air applications. We will gladly assist you for other media.

Flow diagrams

Relation Working Pressure / Temperature

The pressure specifications apply only for the hose and not for the connection fittings.



— SU13, SU17

Straight Hose

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	Inside x Outside ø mm	Coil Outside Diameter mm	Working Length m	Weight g/m	Part Number
	9,5 x 13,0		25	75	SU13/025/05
	12,7 x 17,4		25	127	SU17/025/05

Self-assembly connections for SU13

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For matching protective sleeves for the protection of the surfaces please refer to Page 350

	Series	Flow at 6 bar (Pressure drop 0,5 bar) in l/min	Weight g	Part Number
	Coupling Series 1600	2100	100	1600KAKU13SPN
	Coupling Series 31	1060	90	31KAKU13SPN
	Coupling Series 1400	960	90	1400KAKU13SPN
	Plug Series 26 (1600)		50	26SFKU13MXN
	Plug Series 31		55	31SFKU13MXN
	Plug Series 23 (1400)		55	23SFKU13MXN
	fixed screw connection G 3/8		50	SV17/13AN
	fixed screw connection G 1/2 f. SU17		60	SV21/17AN