



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)

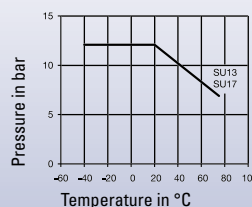
Technical Data

Temperature range:
-40°C up to +75°C
Maximum operating pressure:
see chart
Color: yellow

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



Relation Working Pressure / Temperature (only for hoses, not for the fittings!)



Straight

Nycoil ULTRA-LITE SUPERBRAID

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

Fittings for Hose SU13

Nycoil ULTRA-LITE SUPERBRAID

	Series	Flow*	Weight	Part Number	DS
	Coupling 1600 Series	2100 l/min	100 g	1600 KAKU13 SPN	■
	Coupling 31 Series	1060 l/min	90 g	31 KAKU13 SPN	■
	Coupling 1400 Series	960 l/min	90 g	1400 KAKU13 SPN	■
	Plug 26 Series (1600)		50 g	26 SFKU13 MXN	■
	Plug 31 Series		55 g	31 SFKU13 MXN	■
	Plug 23 Series (1400)		55 g	23 SFKU13 MXN	■
	fixed screw connection G 3/8 o.		50 g	SV 17/13 AN	■
	f. screw con. for hose SU17, G 1/2 o.		60 g	SV 21/17 AN	■

DS = Delivery Status: ■ in stock ■ on short call □ medium term delivery

For matching protective sleeves for the protection of the surfaces against scratching, please refer to Page 470

* Flow rate at 6 bar. Pressure drop 0.5 bar.