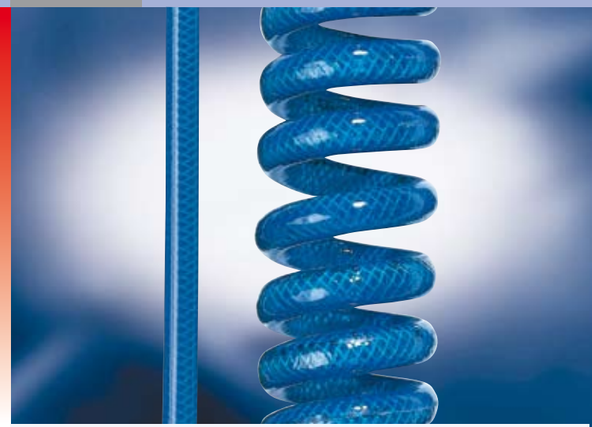
Straight and Coiled

Polyurethane Inner Braided Hose

SUPERBRAID®



Technical Description
Superbraid polyurethane recoil hose is extruded with an inner braid for additional strength. This „integral piece“ process eliminates the need of bonding individual layers of hoses, braiding and cover which tend to separate overtime due to bending, flexing and pulsating. Superbraid combines the durability of bulkier hoses with the kink resistance and elasticity of polyurethane to make a tough, long lasting hose that is user friendly. Superbraid can be used with either our barb and sleeve fittings or reusable polyurethane fittings.

Technical Data
Temperature range:
-40°C up to +75°C

Maximum operating pressure:
see chart

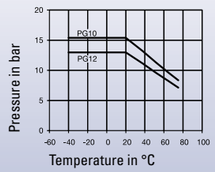
Durometer: 85 shore A

Color: light blue transparent

Advantages
- Same flexibility as a polyurethane hose
- Usable at 15 bar (safety factor of 4 to 1)
- Flexible even at -40°C
- Highly kinking resistant; virtually undamaged by twisting or crushing
- Extremely flexible and easy to use; minimizes worker fatigue
- Superior elasticity and coil memory
- Excellent abrasion resistance; 6 to 10 times better than rubber or nylon
- Factory applied thread sealant supplied on male swivel fitting
- Very small bending radius and tight coil diameter economizes on work and storage space
- Both fittings nickel plated

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 SUPERBRAID

	Inside x Outside Ø mm	Coil Outside Diameter mm	Working Length	Connection	Part Number	DS
	6,3 x 9,5		25 m		PG10/025	▬
	7,9 x 11,7		25 m		PG12/025	▬

Coiled — Nycoil SUPERBRAID

	Inside x Outside Ø mm	Coil Outside Diameter mm	Working Length	Connection	Part Number	DS
	6,3 x 9,5	42	3,0 m	G 1/4	PG 10/030/DV	▬
			6,0 m		PG 10/060/DV	▬
			7,5 m		PG 10/075/DV	▬
	7,9 x 11,7	55	3,0 m	G 3/8	PG 12/030/DV	▬
			6,0 m		PG 12/060/DV	▬
			7,5 m		PG 12/075/DV	▬
	assembled with nickel plated swivel fittings on both ends					

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

Straight Hoses

Polyurethane Inner Braided Hose

ULTRA-LITE SUPERBRAID®

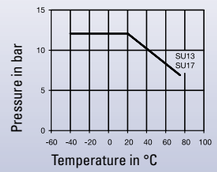
Technical Description
Thanks to the special production techniques, this hose keeps what it promises, even after frequent use and under extreme conditions. Ultra-Lite is made of polyurethane which is reinforced by a hose braid made of Dacron Polyester. Unlike conventional 3-layer textile hoses where the 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 it properties down to temperatures as low as -40°C.

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 assistant you for other media.

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)

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	▬

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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.