



# Nylon 12 Straight and Coiled Hoses RECTULASTIC

**Technical Description**  
RECTULASTIC hoses from Nycoil for safer, more efficient air power transmission.

**Special Physical Features**

- Light weight (specific weight 9x lower as copper)
- Wide temperature range
- High resistance against moisture
- Saltwater insensitive
- Long service time
- Highly elasticity

**Mechanical Features**

- High vibration prevention
- Perfect abrasion resistance
- High compression characteristics
- Low flow reduction for all kind of media
- Precise tolerances
- Constant solidity
- Resists kinking

**Applications**

- Compressed air
- lubrication grease/oil
- gasoline
- hydraulic
- vacuum
- chemicals (on request)

**Advantages**

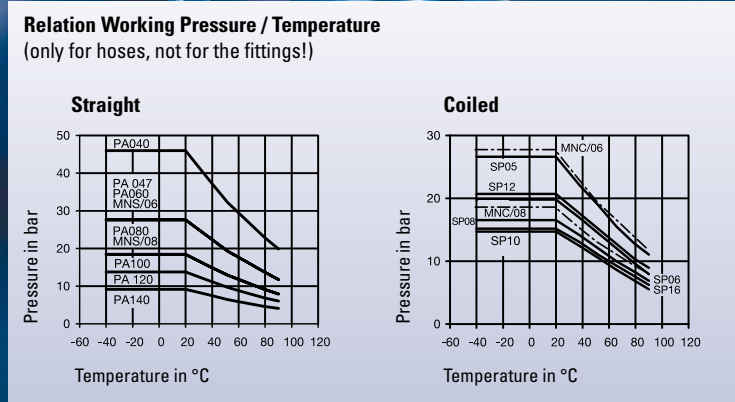
- Quick assembly possible
- Straight hoses ideal for Push-In-System
- Light weight
- Low pressure drop
- Different colors for identification
- Good storage possibility due to box packing (straight hoses)
- High abrasion resistance
- Self-retracting. Coiled Hose automatically recoils to a fraction of its working length
- Small bending diameter
- Resistant to oil, gasoline, grease and abrasion

**Technical Data**

Temperature range:  
-40°C up to +90°C  
Maximum operating pressure: see chart

Tubing assembled:  
-20°C up to +70°C

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



## Straight Nycoil RECTULASTIC

	Inside x Outside Ø mm	Coil Outside Diameter mm	Working Length	Part Number Blue	Part Number Red	DS
	2,0 x 4,0		25 m	PA040/025/03	PA040/025/02	■
			50 m	PA040/050/03	PA040/050/02	■
			100 m	PA040/100/03	PA040/100/02	■
	2,7 x 4,0		25 m	PA047/025/03	PA047/025/02	■
			50 m	PA047/050/03	PA047/050/02	■
			100 m	PA047/100/03	PA047/100/02	■
	4,0 x 6,0		25 m	PA060/025/03	PA060/025/02	■
			50 m	PA060/050/03	PA060/050/02	■
			100 m	PA060/100/03	PA060/100/02	■
	6,0 x 8,0		25 m	PA080/025/03	PA080/025/02	■
			50 m	PA080/050/03	PA080/050/02	■
			100 m	PA080/100/03	PA080/100/02	■
	8,0 x 10,0		25 m	PA100/025/03	PA100/025/02	■
			25 m	PA120/025/03	PA120/025/02	■
	12,0 x 14,0		25 m	PA140/025/03	PA140/025/02	■

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

## Multicolor straight Nycoil RECTULASTIC

	Inside x Outside Ø mm	Coil Outside Diameter mm	Length	Part Number 2-color	Part Number 4-color	DS
	4,0 x 6,0		25 m	MNS02/06/025	MNS04/06/025	■
			25 m	MNS02/08/025	MNS04/08/025	■


## Coiled without Fittings Nycoil RECTULASTIC

	Inside x Outside Ø mm	Coil Outside Diameter mm	Max. Working Length	Approx. Coils	Part Number	DS
	3,1 x 4,7	38	2,5 m	36	SP 05/025	■
			5,0 m	72	SP 05/050	■□
			7,5 m	108	SP 05/075	■□
			10,0 m	144	SP 05/100	■□
			4,8 x 6,3	75	2,5 m	15
5,0 m	30	SP 06/050	■□			
7,5 m	45	SP 06/075	■□			
10,0 m	60	SP 06/100	■□			
15,0 m	90	SP 06/150	■□			
	6,3 x 7,9	75	2,5 m	15	SP 08/025	■
			5,0 m	30	SP 08/050	■
			7,5 m	45	SP 08/075	■
			10,0 m	60	SP 08/100	■
			15,0 m	90	SP 08/150	■□
	7,9 x 9,5	115	2,5 m	10	SP 10/025	■□
			5,0 m	20	SP 10/050	■□
			7,5 m	30	SP 10/075	■□
			10,0 m	40	SP 10/100	■□
			15,0 m	60	SP 10/150	■□
	9,5 x 11,8	140	2,5 m	8	SP 12/025	■□
			5,0 m	15	SP 12/050	■□
			7,5 m	23	SP 12/075	■□
			10,0 m	31	SP 12/100	■□
			15,0 m	46	SP 12/150	■□
	12,7 x 15,8	220	2,5 m	70	SP 12/225	■
			5,0 m	10	SP 16/050	■□
			7,5 m	15	SP 16/075	■□
			10,0 m	20	SP 16/100	■□
			15,0 m	30	SP 16/150	■□
			22,5 m	56	SP 16/225	■□

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

## Completely assembled with Swivel Fittings

## Nycoil RECTULASTIC


	Inside x Outside Ø mm	Coil Outside Diameter mm	Max. Working Length	Approx. Coils	Part Number	DS
	3,1 x 4,7 R1/8	38	2,5 m	36	SP 05/025/DV	■
			5,0 m	72	SP 05/050/DV	■
			7,5 m	108	SP 05/075/DV	■
			10,0 m	144	SP 05/100/DV	■
	4,8 x 6,3 R1/4	75	2,5 m	15	SP 06/025/DV	■
			5,0 m	30	SP 06/050/DV	■
			7,5 m	45	SP 06/075/DV	■
			10,0 m	60	SP 06/100/DV	■
			15,0 m	90	SP 06/150/DV	■
			22,5 m	140	SP 06/225/DV	■
	6,3 x 7,9 R 1/4	75	2,5 m	15	SP 08/025/DV	■
			5,0 m	30	SP 08/050/DV	■
			7,5 m	45	SP 08/075/DV	■
			10,0 m	60	SP 08/100/DV	■
			15,0 m	90	SP 08/150/DV	■
			22,5 m	135	SP 08/225/DV	■
7,9 x 9,5 R 1/4	115	2,5 m	10	SP 10/025/DV	■	
		5,0 m	20	SP 10/050/DV	■	
		7,5 m	30	SP 10/075/DV	■	
		10,0 m	40	SP 10/100/DV	■	
		15,0 m	60	SP 10/150/DV	■	
		22,5 m	90	SP 10/225/DV	■	
9,5 x 11,8 R3/8	140	2,5 m	8	SP 12/025/DV	■	
		5,0 m	15	SP 12/050/DV	■	
		7,5 m	23	SP 12/075/DV	■	
		10,0 m	31	SP 12/100/DV	■	
		15,0 m	46	SP 12/150/DV	■	
		22,5 m	70	SP 12/225/DV	■	
12,7 x 15,8 R1/2	220	5,0 m	10	SP 16/050/DV	■	
		7,5 m	15	SP 16/075/DV	■	
		10,0 m	20	SP 16/100/DV	■	
		15,0 m	30	SP 16/150/DV	■	
		22,5 m	47	SP 16/225/DV	■	

with swivel fittings  
and spring guards (Type DV)

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

## Completely assembled with Coupling and Plug

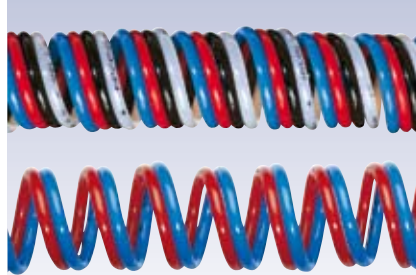
## Nycoil RECTULASTIC

	Inside x Outside Ø mm	Coil Outside Diameter mm	Max. Working Length	Approx. Coils	Part Number	DS
	6,3 x 7,9	75	2,5 m	15	SP 08/025/K+S	■
			5,0 m	30	SP 08/050/K+S	■
			7,5 m	45	SP 08/075/K+S	■
			10,0 m	60	SP 08/100/K+S	■
			15,0 m	90	SP 08/150/K+S	■
			22,5 m	135	SP 08/225/K+S	■
	7,9 x 9,5	115	2,5 m	10	SP 10/025/K+S	■
			5,0 m	20	SP 10/050/K+S	■
			7,5 m	30	SP 10/075/K+S	■
			10,0 m	40	SP 10/100/K+S	■
			15,0 m	60	SP 10/150/K+S	■
			22,5 m	90	SP 10/225/K+S	■
	9,5 x 11,8	140	2,5 m	8	SP 12/025/K+S	■
			5,0 m	15	SP 12/050/K+S	■
			7,5 m	23	SP 12/075/K+S	■
			10,0 m	31	SP 12/100/K+S	■
		15,0 m	46	SP 12/150/K+S	■	
		22,5 m	70	SP 12/225/K+S	■	

with 26 series  
coupling and plug  
with spring guards

## Multicolor coiled\*

## Nycoil RECTULASTIC

	Inside x Outside Ø mm	Coil Outside Diameter mm	Length	Part Number 2-color	Part Number 4-color	DS
	4,8 x 6,3	60	2,5 m	MNC02/06/025	MNC04/06/025	■
			6,0 m	MNC02/06/060	MNC04/06/060	■
			7,5 m	MNC02/06/075	MNC04/06/075	■
	6,3 x 7,9	90	2,5 m	MNC02/08/025	MNC04/08/025	■
			6,0 m	MNC02/08/060	MNC04/08/060	■
			7,5 m	MNC02/08/075	MNC04/08/075	■

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

\*radial legs 150 mm

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



Polyurethane Straight and Coiled Hoses

# RECTUFLEX

**Technical Description**

Nycoil polyurethane hose was developed to eliminate the two most common limitations of nylon self-storing hoses, kinking and abrasion resistance. This lightweight, yet extremely durable hose is ideal for use in tough work areas or highly mobile applications.

**Special Physical Features**

- Light weight (specific weight 9x lower as copper)
- Wide temperature range
- High resistance against moisture
- Saltwater insensitive
- Long service

**Mechanical Features**

- High vibration prevention
- Perfect abrasion resistance
- High compression characteristics
- Low flow reduction for all kind of media
- Constant solidity

**Applications**

- Compressed Air
- Lubrication grease/oil
- Gasoline
- Hydraulics
- Vacuum
- Chemicals (on request)
- Food and beverage (on request)

**Advantages**

- Quick assembly possible
- Light weight
- Low pressure drop
- Different colors for identification
- Good storage possibility due to box packing (straight hoses)
- High abrasion resistance
- Very small bending radius and tight coil diameter economizes on work and storage space
- Working length is 80% of total hose length
- 25 % lighter than rubber
- Specially developed swivel fittings offer lowest possible air flow restrictions
- Superior elasticity and coil memory

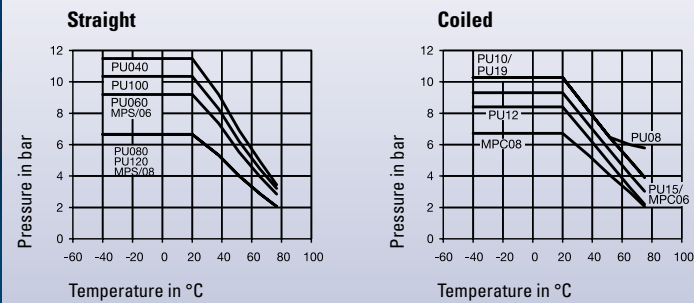
**Technical Data**

Temperature range: -40°C up to +75°C  
Assembled: -20°C up to +70°C

Maximum operating pressure: see chart  
Durometer 95 shore A

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 RECTUFLEX**

	Inside x Outside Ø mm	Coil Outside Diameter mm	Working length	Part Number Blue*	Part Number Red*	DS
	2,5 x 4,0		25 m	PU040/025/03	PU040/025/02	■
			50 m	PU040/050/03	PU040/050/02	■
			100 m	PU040/100/03	PU040/100/02	■
	4,0 x 6,0		25 m	PU060/025/03	PU060/025/02	■
			50 m	PU060/050/03	PU060/050/02	■
			100 m	PU060/100/03	PU060/100/02	■
	6,0 x 8,0		25 m	PU080/025/03	PU080/025/02	■
			50 m	PU080/050/03	PU080/050/02	■
			100 m	PU080/100/03	PU080/100/02	■
	6,5 x 10,0		25 m	PU100/025/03	PU100/025/02	■
	9,0 x 12,0		25 m	PU120/025/03	PU120/025/02	■

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

\*Hoses in black or transparent available on request.

**Multicolor straight**

**Nycoil RECTUFLEX**

	Inside x Outside Ø mm	Coil Outside Diameter mm	Working Length	Part Number 2-color	Part-Number 4-color	DS
	4,0 x 6,0		25 m	MPS02/06/025	MPS04/06/025	■
			25 m	MPS02/08/025	MPS04/08/025	■

**Completely assembled**

**Nycoil RECTUFLEX**

	Inside x Outside Ø mm	Coil Outside Diameter mm	Working Length	Connection	Part Number	DS
	5,0 x 8,0	40	2,0 m	G 1/4	PU08/020/DV	■
			3,0 m		PU08/030/DV	■
			4,0 m		PU08/040/DV	■
			6,0 m		PU08/060/DV	■
			7,5 m		PU08/075/DV	■
	6,3 x 9,5	60	2,0 m	G 1/4	PU10/020/DV	■
			3,0 m		PU10/030/DV	■
			4,0 m		PU10/040/DV	■
			6,0 m		PU10/060/DV	■
			7,5 m		PU10/075/DV	■
	8,0 x 12,0	80	3,0 m	G 3/8	PU12/030/DV	■
			4,0 m		PU12/040/DV	■
			6,0 m		PU12/060/DV	■
			7,5 m		PU12/075/DV	■
			7,5 m		PU12/075/DV	■
9,5 x 15,0	110	3,0 m	G 3/8	PU15/030/DV	■	
		4,0 m		PU15/040/DV	■	
		6,0 m		PU15/060/DV	■	
		7,5 m		PU15/075/DV	■	
		7,5 m		PU15/075/DV	■	
12,0 x 19,0	110	6,0 m	R 1/2	PU19/060/DV	■	
		7,5 m		PU19/075/DV	■	

**Multicolor coiled**

**Nycoil RECTUFLEX**

	Inside x Outside Ø mm	Coil Outside Diameter mm	Working Length	Part Number 2-color	Part Number 4-color	DS
	4,0 x 6,0	60	2,5 m	MPC02/06/025	MPC04/06/025	■
			6,0 m	MPC02/06/060	MPC04/06/060	■
			7,5 m	MPC02/06/075	MPC04/06/075	■
	6,0 x 8,0	60	2,5 m	MPC02/08/025	MPC04/08/025	■
			6,0 m	MPC02/08/060	MPC04/08/060	■
			7,5 m	MPC02/08/075	MPC04/08/075	■

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

■ in stock □ on short call □ medium term delivery

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Polyurethane Hose with Straight Extension

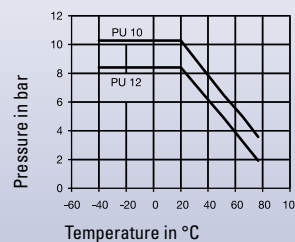
# RECTUFLEX



The 2000 mm long straight hose extension attached to the coils optimises the handling of the complete hose unit and offers the user more freedom of movement in the working process. It combines the advantages of the straight hose connection on the tool with the high level of elasticity of the coil system.

**More freedom of movement thanks to straight hose extension!**

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



**Description**  
The extremely elastic Nycoil polyurethane hose with straight extension (100 mm at the connecting end, coils in various lengths, 2000 mm at the tool connection end) has the same favourable properties as our conventional coiled hoses: high shape recovery, low looping tendency, higher abrasion resistance, outstanding stability with very low empty weight. In addition, the straight extensions guarantee more freedom of movement and easier handling in the hard working process.

**Advantages**

- Extremely flexible – resists kinking
- Impervious to abrasions, heat and oil
- Specially developed swivel fittings offer lowest possible air flow restrictions
- Specially designed retainer sleeve also provides strain relief
- Superior elasticity and coil memory
- Working length is 80% of total hose length
- Very small bending radius and tight coil diameter economizes on work and storage space
- 25% lighter than rubber – easy handling
- Highly resistant to wear – five times the life of rubber
- Low tension – easy to work with
- Eases user fatigue
- Swivel fittings nickel plated
- Greater freedom of movement and easy handling through straight extensions at both ends
- Easy do-it-yourself assembly of couplings, plugs or fixed screw connections (on request with protective sleeve)

**Applications**

- Pneumatic control
- Air tools
- Assembly workstations
- Laboratories
- Electronic assemblies
- Robotics
- Machine tools
- Instrumentation
- Automobile Industry

**Technical Data**  
Temperature range:  
Hose: -40°C up to +75°C  
Assembled: -20°C up to +70°C  
Maximum operating pressure: see chart  
Durometer 95 shore A  
Color: blue

Other colors available on request.

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

Polyurethane Hose with Straight Extension

Nycoil RECTUFLEX

	Inside x Outside Ø mm	Nominal Outside Diameter mm	3 m* Part Number	6 m* Part Number	7,5 m* Part Number	DS
	6,3 x 9,5	60	PU 10/230	PU 10/260	PU 10/275	■
	8,0 x 12,0	80	PU 12/230	PU 12/260	PU 12/275	■

Fittings

	Easy do-it-yourself assembly for coupling and plug 25 Series for PU 10 and PU 12 hoses	Part Number	DS
	coupling and spring guard for PU 10	25KAKU10 SPN	■
	coupling and spring guard for PU 12	25KAKU12 SPN	■
	plug and spring guard for PU 10	26SFKU10 MXN	■
	plug and spring guard for PU 12	26SFKU12 MXN	■
	fixed screw connection and spring guard for PU 10	SV17/10 AN	□
	fixed screw connection and spring guard for PU 12	SV17/12 AN	□
	protective sleeve (black)	T1300-351 BK	□

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

\* total hose length

**Easy do-it-yourself assembly of the connecting elements!**



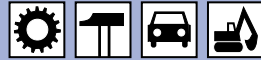
assembled

**We make it easy for you ...**

Simply push the coupling, plug or a threaded fitting onto the straight end of the hose and screw it tightly.

**... and protect surfaces too!**

After assembly of the connecting material, a protective sleeve (flush with the front side of the coupling) can be pushed on to prevent metal parts from scratching sensitive surfaces.



## Polyurethane Inner Braided Hose SUPERBRAID®

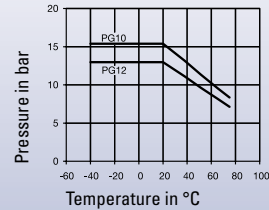
**Technical Description**  
Superbraid polyurethane recoil hose is extruded with an inner braid for additional strength. This „integral piece“ process eliminates the need of bonding individual layers of hoses, braiding and cover which tend to separate overtime due to bending, flexing and pulsating. Superbraid 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.

- 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

**Technical Data**  
Temperature range: -40°C up to +75°C  
Maximum operating pressure: see chart  
Durometer: 85 shore A  
Color: light blue transparent

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!)



## Polyurethane Inner Braided Hose ULTRA-LITE SUPERBRAID®

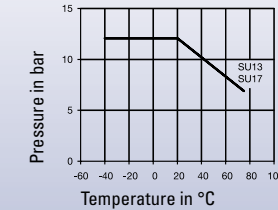


**Technical Description**  
Thanks to the special production techniques, this hose keeps what it promises, even after frequent use and under extreme conditions. Ultra-Lite is made of polyurethane which is reinforced by a hose braid made of Dacron Polyester. Unlike conventional 3-layer textile hoses where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

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

### 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.



Polyurethane Hose, with Protection Against Welding Sparks

# RECTUSPARK®

### Technical Description

The blue ether based 95 durometer polyurethane inner tubing is offered in two metric sizes. It is covered with a specially formulated black flame retardant cover which has excellent tear and tensile strength, yet is resistant to oils, greases, acids, bases, aqueous solutions, ozone, UV light and heat aging. This cover has strong insulative properties and meets UL-94-VO specifications.

### Advantages

Black flame retardant cover protects tubing from incidental contact with welding sparks. The cover does not adhere to the inner tube, allowing the jacket to be easily skived back for connection with conventional compression or push-in fittings.

- Extremely flexible with excellent bend radius capability
- Very resistant to kink damage
- Broad range of chemical resistance
- Good aging resistance for long service life

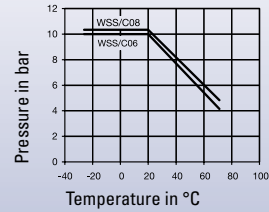
### Technical Data

Temperature range: -25°C up to +70°C  
Max. working pressure: 8 bar (depending on used temperature)

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!)



PVC Inner Braided Hose

# RECTUSOFT



### Technical Description

The new generation of highly flexible RECTUS hoses consists of a textile-reinforced, 3-ply PVC hose with a smooth inner tube, polyester thread insert and abrasion-proof outer covering.

### Advantages

Low weight, very high flexibility, highly resistant, high resistance to pressure, UV-resistant, long service life, shock and tread-resistant, non-buckling, manufacturer's imprint with technical specifications.

### Technical Data

Working temperature: -25°C up to +60°C

Maximum operating pressure: at +23°C: 15 bar

Bursting pressure: at +23°C: 63 bar

Color: light blue



## Straight

## Nycoil RECTUSPARK

	Inside x Outside Ø mm	Protective Jacket Ø mm	Coil Outside Diameter mm	Working Length	Part Number	DS
	4,0 x 6,0	8		25 m	WSS06/025/01	■
	5,0 x 8,0	10		25 m	WSS08/025/01	■

## Coiled

## Nycoil RECTUSPARK

	Inside x Outside Ø mm	Protective Jacket Ø mm	Coil Outside Diameter mm	Working Length	Part Number	DS
	4,0 x 6,0	8	60	2,5 m	WSC06/025/01	■
				6,0 m	WSC06/060/01	■
				7,5 m	WSC06/075/01	■
	5,0 x 8,0	10	75	2,5 m	WSC08/025/01	■
				6,0 m	WSC08/060/01	■
				7,5 m	WSC08/075/01	■

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

## Straight

## Nycoil RECTUSOFT

	Inside x Outside Ø mm	Coil Outside Diameter mm	Package Unit	Part Number	DS
	6,3 x 11,0	45	50 m	PVC06/050/03	■
	9,0 x 14,5	63	50 m	PVC09/050/03	■
	12,7 x 19,0	89	50 m	PVC12/050/03	■

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



# RECTUCHEM®

**Technical Description**  
 PVDF tubing resists a broad range of chemicals, and its low permeability, out-gassing and extractable properties make it ideal for ultrapure applications. Unlike PTFE, PVDF withstands radiation and has excellent mechanical properties that resist creep and cold flow, while offering significant cost savings.

**Special physical features**  
 - Complies with USP Class VI Standards  
 - Acceptable for USDA  
 - Meets FDA Requirements and UL 94 V-0 (Flame Retardant Requirements)  
 - Odorless & Tasteless  
 - Sterilizable by Gamma Radiation, Autoclave or Ozones  
 - Acceptable for 3-A Sanitary Standards for Dairy Equipment

**Typical Chemical Applications:**  
 Pesticides, petrochemical, wastewater treatment, pulp and paper bleaching operations

**Chemical Resistance:**  
 Oxidants, radiation, ultraviolet radiation, acids, alcohol, aliphatic, aromatics, mild basis, chloride, halogens, fungus, out-gassing

**Technical Data**  
 Temperature Range: -40°C up to +120°C

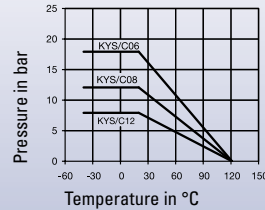
Maximum Operating Pressure: see chart

Color: opak

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

Useable with PVDF couplings 21 series + 48 series. (Page 232)

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



## Straight

## Nycoil RECTUCHEM

	Inside x Outside Ø mm	Coil Outside Diameter mm	Working Length	Part Number	DS
	4,0 x 6,0		25 m	KYS06/025/00	■
	6,0 x 8,0		25 m	KYS08/025/00	■
	10,0 x 12,0		25 m	KYS12/025/00	■

## Coiled

## Nycoil RECTUCHEM

	Inside x Outside Ø mm	Coil Outside Diameter mm	Working Length	Part Number	DS
	4,0 x 6,0	40	2,5 m	KYC06/025/00	■
			6,0 m	KYC06/060/00	■
	6,0 x 8,0	65	2,5 m	KYC08/025/00	■
			6,0 m	KYC08/060/00	■
	9,0 x 12,0	140	2,5 m	KYC12/025/00	■
			6,0 m	KYC12/060/00	■

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

# Accessories

## Hose Cutter

## Nycoil Accessories

	L	L1	Part Number	DS
 (up to outside Diameter 14 mm)	79	25	RP 71-00	■

## Swivelling Spring Guard

## Nycoil Accessories

	Connection mm	Hex	Length	Material	Part Number	DS
	R 1/8 3,0 x 5,0	11		Brass	DV 10/05	■
	R 1/4 4,0 x 6,0	14		Brass	DV 13/06	■
	R 1/4 6,0 x 8,0	14		Brass	DV 13/08	■
	R 1/4 8,0 x 10,0	15		Brass	DV 13/10	■
	R 3/8 9,0 x 12,0	19		Brass	DV 17/12	■
	R 1/2 13,0 x 16,0	22		Brass	DV 21/16	■

## Fixed Spring Guard

## Nycoil Accessories

	Connection mm	Hex	Length	Material	Part Number	DS
 with spring guard * inner cone 45°	M5 4,0 x 6,0	8	103	Brass	SV 05/06	■
	G 1/8 4,0 x 6,0	12	103	Brass	SV 10/06	■
	G 1/8 6,0 x 8,0	12	106	Brass	SV 10/08	■
	G 1/4 4,0 x 6,0	17	103	Brass	SV 13/06	■
	G 1/4 6,0 x 8,0	17	106	Brass	SV 13/08	■
	G 1/4 8,0 x 10,0	17	119	Brass	SV 13/10	■
	G 1/4 9,0 x 12,0	17	123	Brass	SV 13/12	■
	G 3/8 6,0 x 8,0*	19	106	Brass	SV 17/08	■
	G 3/8 8,0 x 10,0*	19	119	Brass	SV 17/10	■
	G 3/8 9,0 x 12,0*	19	123	Brass	SV 17/12	■

## Reusable Swivel Fittings


## Nycoil Accessories

	Connection mm	for PU Hose	Part Number	DS	
	G 1/4	PU 08	PV 13/08	■	
		PU 10	PV 13/10	■	
	G 3/8	PU 12	PV 17/12	■	
		PU 15	PV 17/15	■	

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

## Worm Drive Hose Clips

## Accessories

	Spread	Height	Part Number	DS
	10 - 16 mm	8 mm	KA 1016	■
	12 - 22 mm	8 mm	KA 1222	■
	16 - 27 mm	8 mm	KA 1627	■
	23 - 35 mm	9 mm	KA 2335	■
	30 - 45 mm	9 mm	KA 3045	■
	32 - 50 mm	12 mm	KA 3250	■
	40 - 60 mm	12 mm	KA 4060	■
	50 - 70 mm	12 mm	KA 5070	■
	60 - 80 mm	12 mm	KA 6080	■


## ,O'-Clips

## Accessories

	Spread	Height	Part Number	DS
  <b>Steel, chromatized</b>	5 - 7 mm	6 mm	KB 0507	■
	7 - 9 mm	7 mm	KB 0709	■
	9 - 11 mm	7 mm	KB 0911	■
	11 - 13 mm	7 mm	KB 1113	■
	13 - 15 mm	7,5 mm	KB 1315	■
	15 - 18 mm	8 mm	KB 1518	■
	17 - 20 mm	8,5 mm	KB 1720	■
	20 - 23 mm	9 mm	KB 2023	■
	25 - 28 mm	10 mm	KB 2528	■
	28 - 31 mm	10 mm	KB 2831	■
	31 - 34 mm	10 mm	KB 3134	■
	34 - 37 mm	10 mm	KB 3437	■
	37 - 40 mm	10 mm	KB 3740	■
	40 - 43 mm	10 mm	KB 4043	■
	43 - 46 mm	10 mm	KB 4346	■

## Hose Drum

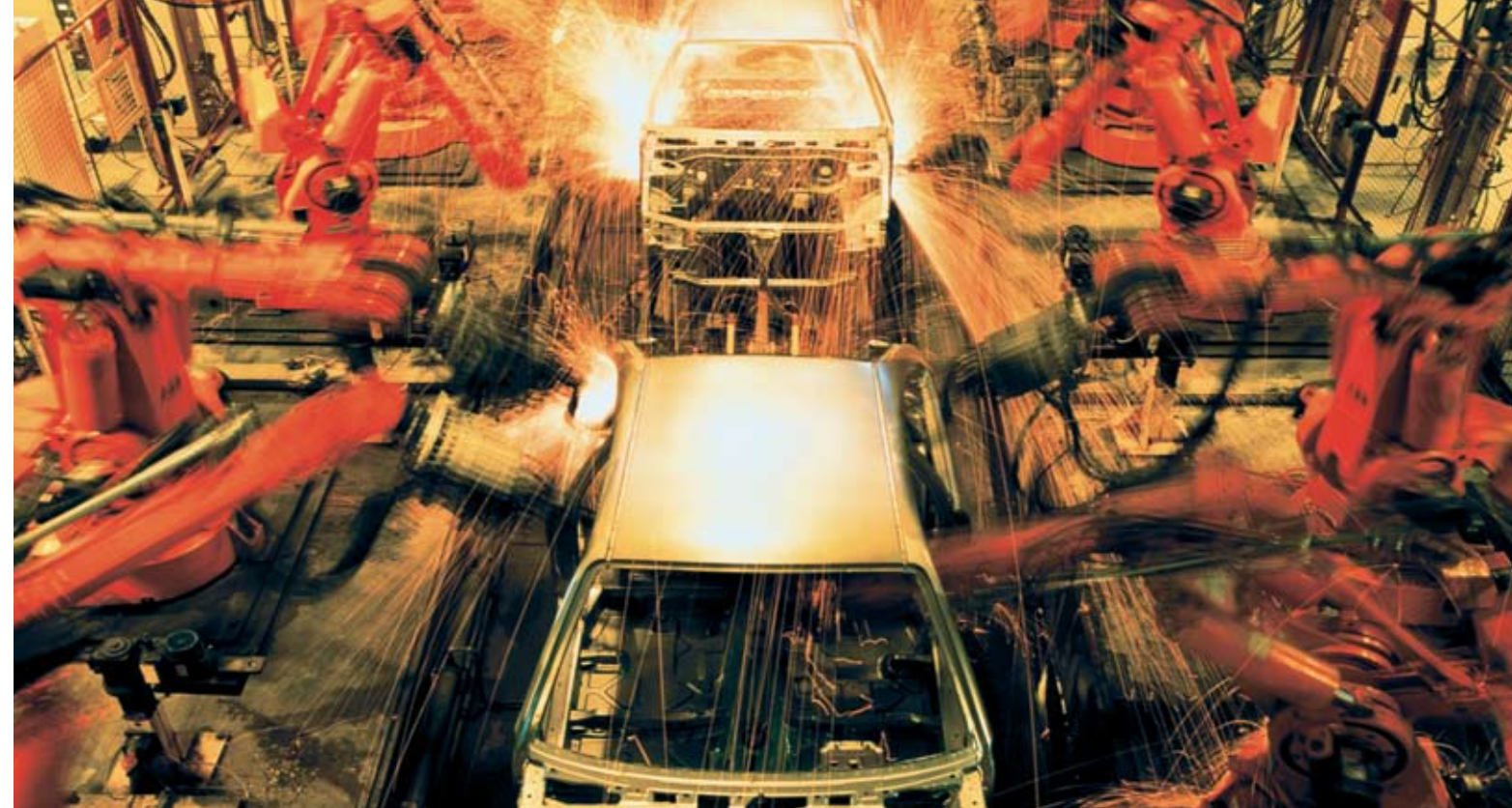
## Accessories

	Description	Connection	Working Length	Working Pressure	Part Number	DS
	- PU-Hose (9,0 x 14,5), black	25KA Series	15 m	15 bar	DST 915-25	■
	- Casing made of polypropylene					
	- no mechanical guidance					
	- Completely assembled with coupling and plug 25 series					
	- CE-certified					

DS = Delivery Status: ■ in stock

■ on short call

□ medium term delivery



Nothing goes without air.



NYCOIL is a RECTUS Group brand

**Nycoil**<sup>®</sup>