



# 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

## Temperature range:

-40°C up to +90°C

## Maximum operating pressure:

see chart

## Tubing assembled:

-20°C up to +70°C

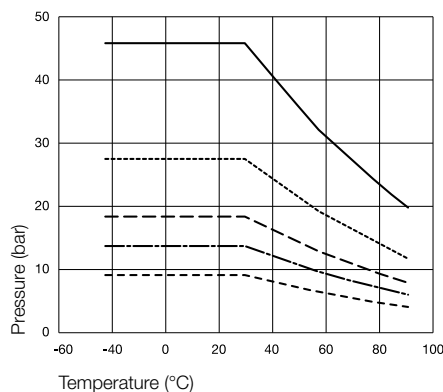
All technical data refers to air applications. We will gladly assist you for other media.

## Flow diagrams

### Relation Working Pressure / Temperature

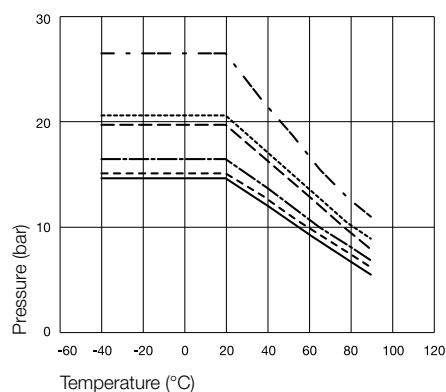
The pressure specifications apply only for the hose and not for the connection fittings.

### Straight



— PA040  
 - - - PA100  
 - · - PA080  
 · · · PA047, PA060  
 - - - - PA120, PA140

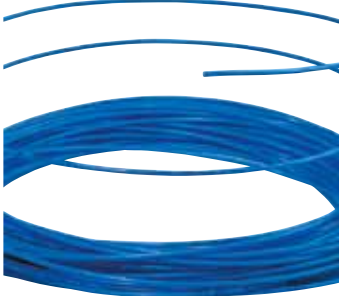
### Coiled



- · - · SP05  
 - - - SP06  
 - · - SP08  
 — SP10  
 · · · SP12  
 - - - - SP16

## Straight Hoses


## RECTULASTIC

	Inside x Outside ø mm	Coil Outside Diameter mm	Working Length in m	Part Number Blue*	Part Number Red*
	2,0 x 4,0		25	PA040/025/03	PA040/025/02
	2,0 x 4,0		50	PA040/050/03	PA040/050/02
	2,0 x 4,0		100	PA040/100/03	PA040/100/02
	2,7 x 4,0		25	PA047/025/03	PA047/025/02
	2,7 x 4,0		50	PA047/050/03	PA047/050/02
	2,7 x 4,0		100	PA047/100/03	PA047/100/02
	4,0 x 6,0		25	PA060/025/03	PA060/025/02
	4,0 x 6,0		50	PA060/050/03	PA060/050/02
	4,0 x 6,0		100	PA060/100/03	PA060/100/02
	6,0 x 8,0		25	PA080/025/03	PA080/025/02
	6,0 x 8,0		50	PA080/050/03	PA080/050/02
	6,0 x 8,0		100	PA080/100/03	PA080/100/02
	8,0 x 10,0		25	PA100/025/03	PA100/025/02
	9,5 x 12,0		25	PA120/025/03	PA120/025/02
	12,0 x 14,0		25	PA140/025/03	PA140/025/02

\* Hoses in black or transparent available on request.

## Coiled Hoses without Fittings

## RECTULASTIC

	Inside x Outside ø mm	Coil Outside Diameter mm	Max. Working Length in m	Approx. Coils	Part Number
	3,1 x 4,7	38	2,5	36	SP05/025
	3,1 x 4,7	38	5	72	SP05/050
	3,1 x 4,7	38	7,5	108	SP05/075
	3,1 x 4,7	38	10	144	SP05/100
	4,8 x 6,3	75	2,5	15	SP06/025
	4,8 x 6,3	75	5	30	SP06/050
	4,8 x 6,3	75	7,5	45	SP06/075
	4,8 x 6,3	75	10	60	SP06/100
	4,8 x 6,3	75	15	90	SP06/150
	4,8 x 6,3	75	22,5	140	SP06/225
	6,3 x 7,9	75	2,5	15	SP08/025
	6,3 x 7,9	75	5	30	SP08/050
	6,3 x 7,9	75	7,5	45	SP08/075
	6,3 x 7,9	75	10	60	SP08/100
	6,3 x 7,9	75	15	90	SP08/150
	6,3 x 7,9	75	22,5	135	SP08/225

⚠ Please consider our security advices on the pages 12/13 ⚠

## Coiled Hoses without Fittings

RECTULASTIC



Inside x Outside ø mm	Coil Outside Diameter mm	Max. Working Length m	Approx. Coils	Part Number
7,9 x 9,5	115	2,5	10	SP10/025
7,9 x 9,5	115	5	20	SP10/050
7,9 x 9,5	115	7,5	30	SP10/075
7,9 x 9,5	115	10	40	SP10/100
7,9 x 9,5	115	15	60	SP10/150
7,9 x 9,5	115	22,5	90	SP10/225
9,5 x 11,8	140	2,5	8	SP12/025
9,5 x 11,8	140	5	15	SP12/050
9,5 x 11,8	140	7,5	23	SP12/075
9,5 x 11,8	140	10	31	SP12/100
9,5 x 11,8	140	15	46	SP12/150
9,5 x 11,8	140	22,5	70	SP12/225
12,7 x 15,8	220	5	10	SP16/050
12,7 x 15,8	220	7,5	15	SP16/075
12,7 x 15,8	220	10	20	SP16/100
12,7 x 15,8	220	15	30	SP16/150
12,7 x 15,8	220	22,5	56	SP16/225

## Completely assembled with Swivel Fittings

RECTULASTIC




Inside x Outside ø mm	Coil Outside Diameter mm	Max. Working Length m	Approx. Coils	Part Number
3,1 x 4,7 R1/8	38	2,5	36	SP05/025/DV
3,1 x 4,7 R1/8	38	5	72	SP05/050/DV
3,1 x 4,7 R1/8	38	7,5	108	SP05/075/DV
3,1 x 4,7 R1/8	38	10	144	SP05/100/DV
4,8 x 6,3 R1/4	75	2,5	15	SP06/025/DV
4,8 x 6,3 R1/4	75	5	30	SP06/050/DV
4,8 x 6,3 R1/4	75	7,5	45	SP06/075/DV
4,8 x 6,3 R1/4	75	10	60	SP06/100/DV
4,8 x 6,3 R1/4	75	15	90	SP06/150/DV
4,8 x 6,3 R1/4	75	22,5	140	SP06/225/DV
6,3 x 7,9 R 1/4	75	2,5	15	SP08/025/DV
6,3 x 7,9 R 1/4	75	5	30	SP08/050/DV
6,3 x 7,9 R 1/4	75	7,5	45	SP08/075/DV
6,3 x 7,9 R 1/4	75	10	60	SP08/100/DV
6,3 x 7,9 R 1/4	75	15	90	SP08/150/DV
6,3 x 7,9 R 1/4	75	22,5	135	SP08/225/DV

with swivel fittings  
and spring guards (Type DV)

## Completely assembled with Swivel Fittings

## RECTULASTIC




Inside x Outside ø mm	Coil Outside Diameter mm	Max. Working Length m	Approx. Coils	Part Number
7,9 x 9,5 R 1/4	115	2,5	10	SP10/025/DV
7,9 x 9,5 R 1/4	115	5	20	SP10/050/DV
7,9 x 9,5 R 1/4	115	7,5	30	SP10/075/DV
7,9 x 9,5 R 1/4	115	10	40	SP10/100/DV
7,9 x 9,5 R 1/4	115	15	60	SP10/150/DV
7,9 x 9,5 R 1/4	115	22,5	90	SP10/225/DV
9,5 x 11,8 R 3/8	140	2,5	8	SP12/025/DV
9,5 x 11,8 R 3/8	140	5	15	SP12/050/DV
9,5 x 11,8 R 3/8	140	7,5	23	SP12/075/DV
9,5 x 11,8 R 3/8	140	10	31	SP12/100/DV
9,5 x 11,8 R 3/8	140	15	46	SP12/150/DV
9,5 x 11,8 R 3/8	140	22,5	70	SP12/225/DV
12,7 x 15,8 R 1/2	220	5	10	SP16/050/DV
12,7 x 15,8 R 1/2	220	7,5	15	SP16/075/DV
12,7 x 15,8 R 1/2	220	10	20	SP16/100/DV
12,7 x 15,8 R 1/2	220	15	30	SP16/150/DV
12,7 x 15,8 R 1/2	220	22,5	47	SP16/225/DV

with swivel fittings  
and spring guards (Type DV)

## Completely assembled with Coupling and Plug

## RECTULASTIC



Inside x Outside ø mm	Coil Outside Diameter mm	Max. Working Length m	Approx. Coils	Part Number
6,3 x 7,9	75	2,5	15	SP08/025/K+S
6,3 x 7,9	75	5	30	SP08/050/K+S
6,3 x 7,9	75	7,5	45	SP08/075/K+S
6,3 x 7,9	75	10	60	SP08/100/K+S
6,3 x 7,9	75	15	90	SP08/150/K+S
6,3 x 7,9	75	22,5	135	SP08/225/K+S
7,9 x 9,5	115	2,5	10	SP10/025/K+S
7,9 x 9,5	115	5	20	SP10/050/K+S
7,9 x 9,5	115	7,5	30	SP10/075/K+S
7,9 x 9,5	115	10	40	SP10/100/K+S
7,9 x 9,5	115	15	60	SP10/150/K+S
7,9 x 9,5	115	22,5	90	SP10/225/K+S
9,5 x 11,8	140	2,5	8	SP12/025/K+S
9,5 x 11,8	140	5	15	SP12/050/K+S
9,5 x 11,8	140	7,5	23	SP12/075/K+S
9,5 x 11,8	140	10	31	SP12/100/K+S
9,5 x 11,8	140	15	46	SP12/150/K+S
9,5 x 11,8	140	22,5	70	SP12/225/K+S

with 26 series coupling and plug  
with spring guards