



# RECTUFLEX



## Technical 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

## Working Temperature Hose:

-40°C up to +75°C

## Working Temperature Hose Assembled:

-20°C up to +70°C

## Maximum operating pressure:

see chart

## Durometer:

95 Shore A

## Color:

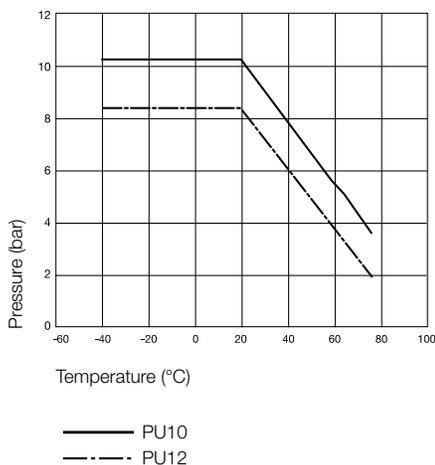
blue (Other colors available on request)

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

## Flow diagrams

### Relation Working Pressure / Temperature

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



# Polyurethane Hose with Straight Extension

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	Inside x Outside ø mm	Nominal Outside Diameter mm	3 m* Part Number	6 m* Part Number	7,5 m* Part Number
	6,3 x 9,5	60	PU10/230	PU10/260	PU10/275
	8,0 x 12,0	60	PU12/230	PU12/260	PU12/275

\* total hose length

## Fittings

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	Easy do-it-yourself assembly for coupling and plug 25 Series for PU 10 and PU 12 hoses	Part Number
	Coupling with spring guard for PU10	25KAKU10SPN
	Coupling with spring guard for PU12	25KAKU12SPN
	Plug with spring guard for PU10	26SFKU10MXN
	Plug with spring guard for PU12	26SFKU12MXN
	Fixed screw connection with spring guard for PU10	SV17/10AN
	Fixed screw connection with spring guard for PU12	SV17/12AN
	Protective sleeve (black)	T1300-351BK