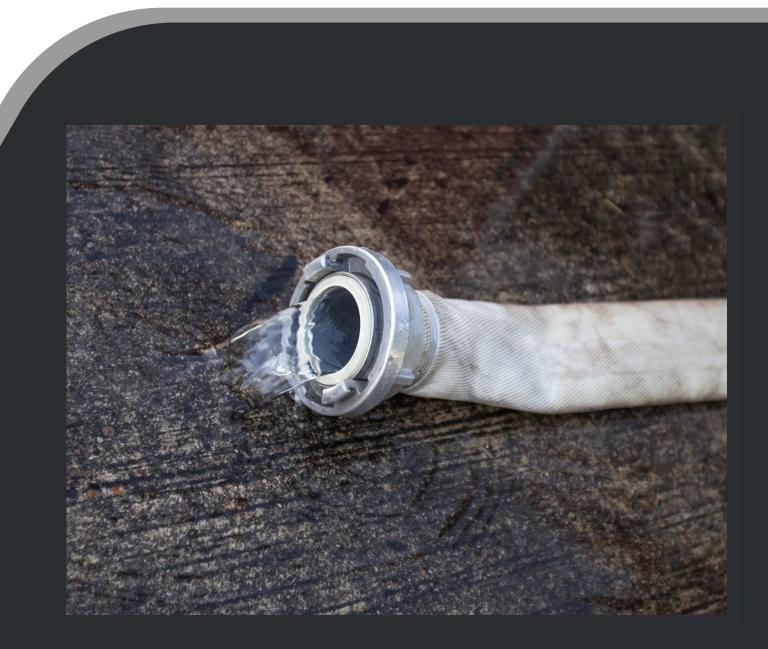


# **Industrial hoses**



# Quality made in Germany ... ... Quality made by PARSCH

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If you are looking for the perfect hose, we will be happy to help you. As our company slogan states:

## Quality made in Germany ... ... Quality made by PARSCH

our products have been used for a wide variety of applications since 1765. Please contact us for further information and advice, because not every hose is the same.

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> > www.parsch.de



## Contact persons: International Sales



Holgar Herda E-Mail: herda@parsch.de Telephone: +49 (0) 5451 / 929-224



**Lisa Plake** E-Mail: plake@parsch.de Telephone: +49 (0) 5451 / 929-226

# Industrial hoses

**INDUSTRY, uncoated** Made in Germany

**INDUSTRY, Reflex** Made in Germany

INDUSTRY, coloured Made in Germany

INDUSTRY, Coverflex Made in Germany

**FAVORIT SYNTHETIC** hose for pneumatic devices

STARION rubber covered hose

PROFI, black fully extruded hose with rips

AIRPLUS hose for compressed air

**PARSCH ROBUST** rubber covered hose without rips

PARSCH ROBUST EL electro conductive hose for powdery food

**PARSCH OEL ROBUST** oil resistant rubber covered hose without rips

PROTECTION HOSE multi-purpose protection hose <

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two-component system consisting of black SBR-rubber and white NBR-adhesive

#### Jacket:

100 % Polyester high tenacity yarn, circular woven, warp threads 2-ply twisted, plain weave

#### **Exterior:**

uncoated

#### **Applications:**

industry, construction sites

## INDUSTRY uncoated

layflat hose



#### **Characteristics:**

abrasion resistant, lightweight and flexible, ageing and ozone resistant, external resistance to oil, fuel and chemical products

#### **Temperature:**

cold resistant to - 30 °C heat resistant up to + 100 °C (temporarily higher)

inner diameter mm	inner diameter inch	weight approx. g/m	burst pressure bar	working pressure * bar (2:1)	working pressure * bar (3:1)	wall thickness mm
19	3/4	110	40	20	13	1,30
25	1	130	40	20	13	1,30
32	1 1/4	175	40	20	13	1,30
38	1 1/2	180	40	20	13	1,40
42	1 2/3	210	40	20	13	1,40
45	1 3/4	220	40	20	13	1,40
52	2	260	40	20	13	1,50
64	2 1/2	350	40	20	13	1,50
70	2 3/4	420	40	20	13	1,50
75	3	460	40	20	13	1,60
90	3 1/2	550	30	15	10	1,60
102	4	620	30	15	10	1,70
110	4 1/3	710	25	13	8	1,70
125	5	820	20	10	7	1,80
152	6	920	20	10	7	1,80

\* Maximum recommended working pressure of the hose or maximum working pressure of the attached couplings whichever is the lower.





two-component system consisting of black SBR-rubber and white NBR-adhesive

#### Jacket:

100 % Polyester high tenacity yarn, circular woven, warp threads 2-ply twisted, plain weave

**Exterior:** fluorescent dyed yarn

#### **Applications:**

industry, construction sites

## INDUSTRY Reflex

#### highly visable and fluorescent layflat hose



#### **Characteristics:**

abrasion resistant, lightweight and flexible, ageing and ozone resistant, external resistance to oil, fuel and chemical products

#### **Temperature:**

cold resistant to - 30 °C heat resistant up to + 100 °C (temporarily higher)

inner diameter inch	weight approx. g/m	burst pressure bar	working pressure * bar (2:1)	working pressure * bar (3:1)	wall thickness mm		
3/4	110	40	20	13	1,30		
1	130	40	20	13	1,30		
1 1/4	175	40	20	13	1,30		
1 1/2	180	40	20	13	1,40		
1 2/3	210	40	20	13	1,40		
1 3/4	220	40	20	13	1,40		
2	260	40	20	13	1,50		
2 1/2	350	40	20	13	1,50		
2 3/4	420	40	20	13	1,50		
3	460	40	20	13	1,60		
3 1/2	550	30	15	10	1,60		
4	620	30	15	10	1,70		
4 1/3	710	25	13	8	1,70		
5	820	20	10	7	1,80		
6	920	20	10	7	1,80		
	inch 3/4 1 1 1/4 1 1/2 1 2/3 1 3/4 2 2 1/2 2 3/4 3 3 1/2 4 4 1/3 5	inchapprox. g/m3/4110113011/417511/218012/321013/4220226021/235023/4420346031/2550462041/37105820	inchapprox. g/mbar3/41104011304011/41754011/21804012/32104013/4220402260402 1/2350402 3/4420403460403 1/2550304620304 1/371025582020	Inner diameterWeightburst pressurepressure * bar (2:1)3/41104020113040201130402011/4175402011/2180402012/3210402013/42204020226040202 1/235040202 3/442040203 46040203 1/25503015462030154 1/3710251358202010	Inner diameterweightbdr'st pressurepressure * bar (2:1)pressure * bar (3:1)3/41104020131130402013113040201311/417540201311/218040201312/3210402013226040201322604020132 1/235040201334604020133 1/2550301510462030151041/371025138582020107		

\* Maximum recommended working pressure of the hose or maximum working pressure of the attached couplings whichever is the lower.

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two-component system consisting of black SBR-rubber and white NBR-adhesive

#### Jacket:

100 % Polyester high tenacity yarn, circular woven, warp threads 2-ply twisted, plain weave

#### **Exterior**:

coloured

#### **Applications:**

industry, construction sites

## INDUSTRY coloured

layflat hose



#### **Characteristics:**

abrasion resistant, lightweight and flexible, ageing and ozone resistant, external resistance to oil, fuel and chemical products

#### **Temperature:**

cold resistant to - 30 °C heat resistant up to + 100 °C (temporarily higher)

inner diameter mm	inner diameter inch	weight approx. g/m	burst pressure bar	working pressure * bar (2:1)	working pressure * bar (3:1)	wall thickness mm		
19	3/4	110	40	20	13	1,30		
25	1	130	40	20	13	1,30		
32	1 1/4	175	40	20	13	1,30		
38	1 1/2	180	40	20	13	1,40		
42	1 2/3	210	40	20	13	1,40		
45	1 3/4	220	40	20	13	1,40		
52	2	260	40	20	13	1,50		
64	2 1/2	350	40	20	13	1,50		
70	2 3/4	420	40	20	13	1,50		
75	3	460	40	20	13	1,60		
90	3 1/2	550	30	15	10	1,60		
102	4	620	30	15	10	1,70		
110	4 1/3	710	25	13	8	1,70		
125	5	820	20	10	7	1,80		
152	6	920	20	10	7	1,80		

\* Maximum recommended working pressure of the hose or maximum working pressure of the attached couplings whichever is the lower.

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two-component system consisting of black SBR-rubber and white NBR-adhesive

#### Jacket:

100 % Polyester high tenacity yarn, circular woven, warp threads 2-ply twisted, plain weave

**Exterior:** Polyurethane coating

#### **Applications:**

industry, construction sites

## INDUSTRY Coverflex

Polyurethane coated layflat hose



#### **Characteristics:**

high abrasion resistance, lightweight and flexible, ageing and ozone resistant, external resistance to oil, fuel and chemical products

#### **Temperature:**

cold resistant to - 30 °C heat resistant up to + 100 °C (temporarily higher)

inner diameter mm	inner diameter inch	weight approx. g/m	burst pressure bar	working pressure * bar (2:1)	working pressure * bar (3:1)	wall thickness mm
19	3/4	130	40	20	13	1,40
25	1	150	40	20	13	1,40
32	1 1/4	175	40	20	13	1,40
38	1 1/2	210	40	20	13	1,50
42	1 2/3	240	40	20	13	1,50
45	1 3/4	250	40	20	13	1,50
52	2	300	40	20	13	1,60
64	2 1/2	400	40	20	13	1,60
70	2 3/4	470	40	20	13	1,60
75	3	520	40	20	13	1,70
90	3 1/2	610	30	15	10	1,70
102	4	690	30	15	10	1,80
110	4 1/3	790	25	13	8	1,80
125	5	910	20	10	7	1,90
152	6	1040	20	10	7	1,90

\* Maximum recommended working pressure of the hose or maximum working pressure of the attached couplings whichever is the lower.

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two-component system consisting of black NBR-rubber and white NBR-adhesive wall thickness: approx. 1,7 mm

#### Jacket:

100 % Polyester high tenacity yarn, circular woven, warp threads 3-ply twisted, twill weave

#### Exterior:

Polyurethane coating

#### **Applications:**

mechanical engineering, parts for pneumatic devices, material handling equipment, hoisting technology and moulding technique

## FAVORIT SYNTHETIC

special hose for pneumatic devices



#### Characteristics:

high abrasion resistance, lightweight and flexible, ageing and ozone resistant, external resistance to oil, fuel and chemical products

#### **Temperature:**

cold resistant to - 30 °C heat resistant up to + 100 °C (temporarily higher)

nner Imeter mm	inner diameter inch	flat width ** mm	weight approx. g/m	burst pressure bar	working pressure * bar (3:1)	working pressure * bar (5:1)	wall thickness mm
25	1	40	225	50	17	10	1,60
32	1 1/4	50	320	50	17	10	1,70
42	1 2/3	70	380	50	17	10	1,90
52	2	80	490	50	17	10	2,00
63	2 1/2	100	610	50	17	10	2,10
75	3	120	680	50	17	10	2,00
	meter 25 32 42 52 63 75	meter mmdiameter inch251321 1/4421 2/3522632 1/2753	diameter mmdiameter mm25140321 1/450421 2/37052280632 1/2100753120	diameterweight approx. g/m25140225321 1/450320421 2/37038052280490632 1/2100610	diameter mmdiameter inchmmweight approx. g/mpressure bar2514022550321 1/45032050421 2/370380505228049050632 1/21006105075312068050	diameter mmdiameter inchmmweight approx. g/mpressure barpressure * bar (3:1)251402255017321 1/4503205017421 2/3703805017522804905017632 1/210061050177531206805017	meter mmdiameter inchmmweight approx. g/mpressure barpressure * bar (3:1)pressure * bar (3:1)25140225501710321 1/450320501710421 2/37038050171052280490501710632 1/2100610501710753120680501710

\* Maximum recommended working pressure of the hose.

\*\* Tolerance ± 2 mm





two-component system consisting of black SBR-rubber and white NBR-adhesive

### Exterior:

NBR-rubber with ribs

#### Jacket:

100 % Polyester high tenacity yarn, circular woven

#### **Applications:**

industry, construction sites

## STARION

#### rubber covered layflat hose



#### Characteristics:

extremely high abrasion resistance, lightweight and flexible, ageing and ozone resistant, external resistance to oil, fuel and chemical products

#### **Temperature:**

cold resistant to - 30 °C heat resistant up to + 100 °C (temporarily higher)

inner diameter mm	inner diameter inch	weight approx. g/m	burst pressure bar	working pressure * bar (2:1)	working pressure * bar (3:1)	wall thickness mm
19	3/4	170	60	30	20	1,70
25	1	210	60	30	20	1,70
32	1 1/4	260	60	30	20	2,10
38	1 1/2	300	60	30	20	2,10
42	1 2/3	340	60	30	20	2,10
45	1 3/4	380	60	30	20	2,10
52	2	450	50	25	17	2,30
64	2 1/2	590	50	25	17	2,30
70	2 3/4	670	50	25	17	2,30
75	3	720	50	25	17	2,60
90	3 1/2	920	40	20	13	2,60
102	4	1010	40	20	13	3,00
110	4 1/3	1310	35	18	12	3,00
125	5	1480	30	15	10	3,00
152	6	1720	30	15	10	3,00

\* Maximum recommended working pressure of the hose or maximum working pressure of the attached couplings whichever is the lower.

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#### Inner lining: Nitril-rubber

#### **Exterior:** Nitril-rubber with ribs

#### Jacket:

100 % Polyester high tenacity yarn, circular woven

#### **Applications:**

industry, construction sites, pumping applications

## PROFI

#### fully extruded multi-purpose layflat hose



#### **Characteristics:**

extremely high abrasion resistance, lightweight and flexible, ageing and ozone resistant, external resistance to oil, fuel and chemical products

#### **Temperature:**

cold resistant to - 30 °C heat resistant up to + 100 °C (temporarily higher)

	inner diameter mm	inner diameter inch	weight approx. g/m	burst pressure bar	working pressure * bar (2:1)	working pressure * bar (3:1)	tensile strength kg	tear strength kg	wall thickness mm
	19	3/4	190	60	30	20	850		1,70
	25	1	220	60	30	20	1000		1,70
1	32	1 1/4	280	60	30	20	1300		2,10
1	38	1 1/2	330	60	30	20	1700		2,10
1	42	1 2/3	350	60	30	20	1900		2,10
1	45	1 3/4	380	60	30	20	2000		2,30
1	52	2	440	50	25	17	2400		2,30
	64	2 1/2	570	50	25	17	2900		2,30
1	70	2 3/4	620	50	25	17	3300		2,60
1	75	3	700	50	25	17	3900	8350	2,60
1	90	3 1/2	990	40	20	13	4500	9500	3,00
	102	4	1120	40	20	13	5100	11200	3,00
	110	4 1/3	1350	40	20	13	5500	12150	3,00
	125	5	1430	30	15	10	7000	14350	3,00
1	152	6	1750	30	15	10	9000	18450	3,00
	204	8	2500	24	12	8	12000		3,50
1	250	10	3000	24	12	8	16300		3,50

\* Maximum recommended working pressure of the hose or maximum working pressure of the attached couplings whichever is the lower.

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#### Inner lining: Nitril-rubber

#### **Exterior:** Nitril-rubber with ribs

#### Jacket:

100 % Polyester high tenacity yarn, circular woven

#### **Applications:**

compressed air tools and equipment, air compressors for construction sites and quarrying

## AIRPLUS

#### compressed air hose



#### Characteristics:

extremely high abrasion resistance, lightweight and flexible, ageing and ozone resistant, external resistance to oil, fuel and chemical products

#### Temperature:

cold resistant to - 30 °C heat resistant up to + 100 °C (temporarily higher)

inner diameter mm	inner diameter inch	weight approx. g/m	burst pressure bar	working pressure * bar (3:1)	working pressure * bar (5:1)	Wall thickness mm
19	3/4	190	60	20	12	1,70
25	1	220	60	20	12	1,70

\* Maximum recommended working pressure of the hose or maximum working pressure of the attached couplings whichever is the lower.





two-component system consisting of black SBR-rubber and white NBR-adhesive

#### Exterior:

smooth NBR-rubber

#### Jacket:

100 % Polyester high tenacity yarn, circular woven, warp threads 2-ply twisted, twill weave

#### **Applications:**

industry, construction sites

## PARSCH ROBUST

rubber covered hose with smooth cover



#### **Characteristics:**

extremely high abrasion resistance, lightweight and flexible, ageing and ozone resistant, external resistance to oil, fuel and chemical products

#### **Temperature:**

cold resistant to - 30 °C heat resistant up to + 100 °C (temporarily higher)

inner diameter mm	inner diameter inch	weight approx. g/m	burst pressure bar	working pressure * bar (2:1)	working pressure * bar (3:1)	wall thickness mm
19	3/4	170	60	30	20	1,70
25	1	210	60	30	20	1,70
32	1 1/4	260	60	30	20	2,10
38	1 1/2	300	60	30	20	2,10
42	1 2/3	340	60	30	20	2,10
45	1 3/4	380	60	30	20	2,30
52	2	450	50	25	17	2,30
64	2 1/2	590	50	25	17	2,30
70	2 3/4	670	50	25	17	2,60
75	3	720	50	25	17	2,60
90	3 1/2	920	40	20	13	3,00
102	4	1010	40	20	13	3,00
110	4 1/3	1310	35	18	12	3,00
125	5	1480	30	15	10	3,00
152	6	1720	30	15	10	3,00

\* Maximum recommended working pressure of the hose or maximum working pressure of the attached couplings whichever is the lower.

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white special rubber (suitable for drinking water) wall thickness: approx. 1,2 mm

#### **Exterior**:

smooth NBR-rubber

#### Jacket:

100 % Polyester high tenacity yarn, circular woven, warp threads 2-ply twisted, twill weave with three copper wire braids

#### Applications:

for conveying powdered food, silo vehicles, silo operations, food industry

## PARSCH ROBUST EL

electro conductive hose with white inner lining for conveying powdered food



#### Characteristics:

extremely high abrasion resistance, lightweight and flexible, ageing and ozone resistant, external resistance to oil, fuel and chemical products

#### **Temperature:**

cold resistant to - 30 °C heat resistant up to + 100 °C (temporarily higher)

inner diameter mm	inner diameter inch	weight approx. g/m	burst pressure bar	working pressure * bar (2:1)	working pressure * bar (3:1)	wall thickness mm
52	2	450	50	25	17	2,30
75	3	720	50	25	17	2,60
102	4	1010	40	20	13	3,00

\* Maximum recommended working pressure of the hose or maximum working pressure of the attached couplings whichever is the lower.

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two-component system consisting of black NBR-rubber and white NBR-adhesive

#### Exterior:

smooth NBR-rubber

#### Jacket:

100 % Polyester high tenacity yarn, circular woven, warp threads 2-ply twisted, twill weave

#### **Applications:**

industry, construction sites, sewer cleaning, pumping applications

## PARSCH OIL ROBUST

oil resistant rubber covered hose with smooth cover



#### **Characteristics:**

extremely high abrasion resistance, lightweight and flexible, ageing and ozone resistant, external resistance to oil, fuel and chemical products

#### **Temperature:**

cold resistant to - 30 °C heat resistant up to + 100 °C (temporarily higher)

inner diameter mm	inner diameter inch	weight approx. g/m	burst pressure bar	working pressure * bar (2:1)	working pressure * bar (3:1)	wall thickness mm
19	3/4	170	60	30	20	1,70
25	1	210	60	30	20	1,70
32	1 1/4	260	60	30	20	2,10
38	1 1/2	300	60	30	20	2,10
42	1 2/3	340	60	30	20	2,10
45	1 3/4	380	60	30	20	2,30
52	2	450	50	25	17	2,30
64	2 1/2	590	50	25	17	2,30
70	2 3/4	670	50	25	17	2,60
75	3	720	50	25	17	2,60
90	3 1/2	920	40	20	13	3,00
102	4	1010	40	20	13	3,00
110	4 1/3	1310	35	18	12	3,00
125	5	1480	30	18	10	3,00
152	6	1720	30	18	10	3,00

\* Maximum recommended working pressure of the hose or maximum working pressure of the attached couplings whichever is the lower.

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100 % Polyester high tenacity yarn, circular woven, warp threads 2-ply twisted, twill weave or plain weave

#### **Exterior:**

oil resistant rubber

#### **Applications:**

bundling of cables and wires as protection hose for chains, belts, ropes, steel wire ropes or hydraulic hoses mechanical engineering building construction electrical and cable industry vehicle construction

#### Inner thread:

to assist with the pulling through of objects

#### **Dielectric strength:**

> 10.000 Volt

## **PROTECTION HOSE**

with or without inner thread



#### **Characteristics:**

extremely high abrasion resistance, lightweight and flexible, ageing and ozone resistant, external resistance to oil, fuel and chemical products

#### **Temperature:**

cold resistant to - 30 °C heat resistant up to + 100 °C (temporarily higher)

inner diameter	inner diameter	weight	wall thickness
mm	inch	approx. g/m	mm
28		150	1,70
38	1 1/2	180	1,70
42	1 2/3	210	2,10
50		250	2,10
52	2	260	2,10
65	2 1/2	350	2,30
75	3	460	2,30



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