



Irrigation hoses



**Quality made in Germany ...
... Quality made by PARSCH**

PARSCH Schläuche - Armaturen GmbH & Co. KG
Gildestraße 16, 49477 Ibbenbüren, Germany
www.parsch.de



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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Irrigation hoses

PARSCH SYNTHETIC 3Z SL, uncoated
hose according to DIN 14811

PARSCH SYNTHETIC 3Z SL, Coverflex
hose according to DIN 14811

FLORAFLEX
coated hose with a thicker inner lining

PROFI, black
fully extruded hose with ribs

PARSCH TPU
hose made of thermoplastic Polyurethane for distribution of liquid manure

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Inner lining:

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

Jacket:

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

Exterior:

uncoated

Applications:

irrigation hose

Applicable standards:

DIN 14811

**PARSCH SYNTHETIC 3Z SL
uncoated
irrigation 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	60	30	20	1,40
25	1	140	60	30	20	1,40
32	1 1/4	175	60	30	20	1,40
38	1 1/2	200	60	30	20	1,50
42	1 2/3	240	60	30	20	1,50
45	1 3/4	250	60	30	20	1,50
52	2	310	50	25	17	1,60
64	2 1/2	410	50	25	17	1,60
70	2 3/4	470	50	25	17	1,60
75	3	520	50	25	17	1,70
90	3 1/2	620	40	20	13	1,70
102	4	700	40	20	13	1,80
110	4 1/3	790	35	18	12	1,80
125	5	930	30	15	10	1,90
152	6	1070	30	15	10	1,90

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





Inner lining:

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

Jacket:

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

Exterior:

Polyurethane coating

Applications:

irrigation hose

Applicable standards:

DIN 14811

**PARSCH SYNTHETIC 3Z SL
Coverflex**

Polyurethane coated irrigation 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	60	30	20	1,50
25	1	160	60	30	20	1,50
32	1 1/4	195	60	30	20	1,50
38	1 1/2	230	60	30	20	1,60
42	1 2/3	270	60	30	20	1,60
45	1 3/4	280	60	30	20	1,60
52	2	350	50	25	17	1,80
64	2 1/2	460	50	25	17	1,80
70	2 3/4	520	50	25	17	1,80
75	3	580	50	25	17	1,90
90	3 1/2	680	40	20	13	1,90
102	4	770	40	20	13	2,00
110	4 1/3	870	35	18	12	2,00
125	5	1020	30	15	10	2,10
152	6	1190	30	15	10	2,10

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





FLORAFLEX

special hose for agriculture



Inner lining:

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

Jacket:

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

Exterior:

Polyurethane coating

Applications:

irrigation hose, liquid manure pumping

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	tensile strength** kg	working pressure* bar (2:1)	working pressure* bar (3:1)	wall thickness mm
52	2	410	55	2.800	27	18	2,00
64	2 1/2	530	55	3.200	27	18	2,00
70	2 3/4	600	55	3.500	27	18	2,00
75	3	650	55	3.800	27	18	2,00
90	3 1/2	770	50	5.600	25	17	2,40
102	4	860	50	7.200	25	17	2,40
110	4 1/3	980	45	7.500	22	15	2,40
125	5	1110	40	7.500	20	13	2,50
152	6	1260	40	8.800	20	13	2,50

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

** The tensile strength corresponds to half of the value of the theoretical tensile strength at break.



Inner lining:

Nitril-rubber

Exterior:

Nitril-rubber with ribs

Jacket:

100 % Polyester high tenacity yarn, circular woven

Applications:

irrigation hose

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
32	1 1/4	280	60	30	20	1300		2,10
38	1 1/2	330	60	30	20	1700		2,10
42	1 2/3	350	60	30	20	1900		2,10
45	1 3/4	380	60	30	20	2000		2,30
52	2	440	50	25	17	2400		2,30
64	2 1/2	570	50	25	17	2900		2,30
70	2 3/4	620	50	25	17	3300		2,60
75	3	700	50	25	17	3900	8350	2,60
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
152	6	1750	30	15	10	9000	18450	3,00
204	8	2500	24	12	8	12000		3,50
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.





Inner lining:

thermoplastic Polyurethane

Exterior:

thermoplastic Polyurethane

Jacket:

100 % Polyester high tenacity yarn,
circular woven

Applications:

liquid manure distribution

PARSCH TPU

layflat hose for liquid manure distribution



Characteristics:

extremely high abrasion resistance, very long service life, ageing and ozone resistant, requires no drying after use

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	wall thickness mm	tear strength kg
102	4	900	50	17	3,50	16.000
115	4 1/2	1000	40	14	3,50	18.500
125	5	1700	40	14	3,50	19.800
152	6	2000	40	14	3,80	27.000
204**	8	3000	40	14	3,80	36.000

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



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