



HOSES

High-quality standards for all pressure ranges



HOSES

High-quality standards for all pressure ranges

We have a comprehensive selection of bulk hoses for hydraulics applications in stock and can deliver standardised, as well as non-standard hoses.



We have available for immediate delivery from stock:

■ Suction and low pressure hoses

We employ suction and low pressure hoses with excellent bending radii in nominal sizes from DN 19 to DN 250. In addition, we have in stock low pressure hoses for a pressure range from 10 bar to 25 bar in nominal sizes up to DN 152. Among other applications, they are employed for suction and return lines in all hydraulic circuits. Deviating nominal sizes are possible.

■ Pressure hoses with steel wire nettings

We supply hoses according to DIN EN 853 and 857 with 1 or 2 wire braid reinforcements (1SN, 2SN, 1SC, 2SC). We also supply hoses, which significantly outpace the standards for pressure resistance and flexibility (1SN-K, 2SN-K, SPC3).

■ Ultra-high pressure hoses with 4 or more wire spiral reinforcements 4SP, 4SH, R15, 560 bar

These hoses are available for up to 420 bar and a nominal size of DN 38.

Almost all types of hoses can be equipped with an abrasion-proof surface.

Hose types:

SAE 100 R4 -14A
Suction hose 17A

1SN, 1SC, 1SN-K, 2SN,
2SC, 2SN-K, SPC3

4SP, 4SH, SAE 100 R15,
SAE 100 R13, ISO 18752 -560 bar

Abrasion-proof surface

Table of Contents

2 TE	4
3 TE	5
1 SN	6
2 SN	7
1 SC	8
2 SC	9
1SN-K	10
2SN-K	11
3SPC	12
4 SP	13
4 SH	14
R13	15
R15	16
6SP 560 / 525 bar	17
PTFE Hose with Nobel - steel netting	18
Convolute PTFE hose	19
MTH1	20
FLEXbase (14A)	21
FLEXtreme (17A)	22
Kara	23
Low pressure Superconductor	24
Hose bending protection	25
Hose bending protection pipe	26
Hose bending protection rubber	27
Abrasion protection spirale	28
Flat steel spiral	29
Protection spiral -plastic	30
Fire protection hose with silicone coating	31
Burst protection hose	33
Pricking device PVM-50	35

Updated at: 24.05.2023

Hydraulic hoses 2 TE

Updated at:
24.05.2022

Tube

oil and water resistant synthetic rubber

Reinforcement

several textile netting inserts

Cover

synthetic rubber with oil and water resistance

Temperature

-40°C to + 100°C

Standard

DIN EN 854



Order no.	DN mm	internal Ø in mm	external Ø in mm	working pressure in mm	burst pressure in bar	min.bending radius R in mm	weight in kg/m
05-04	6	6,4	13,4	75	300	40	0,16
05-05	8	7,9	14,3	68	272	50	0,20
05-06	10	9,5	16,5	63	252	60	0,21
05-08	12	12,7	19,7	58	232	70	0,27
05-10	16	15,9	23,9	50	200	90	0,37
05-12	19	19,0	27,0	45	180	110	0,44
05-16	25	25,4	34,4	40	160	150	0,62

Hydraulic hoses 3 TE

Updated at:
24.05.2022

HOSES

Tube

oil and water resistant synthetic rubber

Reinforcement

several textile netting inserts

Cover

synthetic rubber with oil and water resistance

Temperature

-40°C to + 100°C

Standard

DIN EN 854



Order no.	DN in mm	internal Ø in mm	external Ø in mm	working pressure in bar	burst pressure in bar	min.bending radius R in mm	weight in kg/m
06-04	6	6,4	14,4	145	580	45	0,20
06-05	8	7,9	16,9	130	520	55	0,26
06-06	10	9,5	18,5	110	440	70	0,30
06-08	12	12,7	21,7	93	372	85	0,33
06-10	16	15,9	25,9	80	320	105	0,43
06-12	19	19,0	29,0	70	280	130	0,52
06-16	25	25,4	35,9	55	220	150	0,70
06-20	31	31,8	42,3	45	180	190	0,77
06-24	38	38,1	49,6	40	160	240	1,06
06-32	51	50,8	62,3	33	132	300	1,27

Hydraulic hoses

1 SN

Updated at:
24.05.2022

Tube

oil resisant synthetic rubber

Reinforcement

high tensile steel wire netting

Cover

synthetic rubber with high abrasion, ozone, weather resistance

Temperature

-40°C to +100°C

Standard

DIN EN 853; SAE 100 R1S



Order no.	DN in mm	internal Ø in mm	external Ø in mm	reinforcement Ø in mm	working pressure in bar	burst pressure in bar	min. bending radius R in mm	weight in kg/m
11-04	6	6,4	13,4	11,1	225	900	100	0,28
11-05	8	7,9	15,0	12,7	215	850	115	0,32
11-06	10	9,5	17,4	15,1	180	720	130	0,40
11-08	12	12,7	20,6	18,3	160	640	180	0,50
11-10	16	15,9	23,7	21,4	130	520	200	0,66
11-12	19	19,1	27,7	25,4	105	420	240	0,73
11-16	25	25,4	35,6	33,3	88	350	300	1,08
11-20	31	31,8	43,5	40,5	63	250	420	1,35
11-24	38	38,1	50,6	46,8	50	200	500	1,70
11-32	51	50,8	64,0	60,2	40	160	630	2,20

Hydraulic hoses 2 SN

Updated at:
14.03.2023

Tube

oil resisant synthetic rubber

Reinforcement

2 high tensile steel wire netting

Cover

synthetic rubber with high abrasion, ozone, weather resistance

Temperature

-40°C to +100°C

Standard

DIN EN 853; SAE 100 R2S

DN 6 bis DN 25

Please use our high-quality hose lines of the 2SC variant for these nominal diameters.



Order no.	DN in mm	internal Ø in mm	external Ø in mm	reinforcement Ø in mm	working pressure in bar	burst pressure in bar	min.bending radius R in mm	weight in kg/m
21-20	31	31,8	48,3	44,5	125	500	420	2,30
21-24	38	38,1	54,6	50,8	90	360	500	2,70
21-32	51	50,8	67,3	63,5	80	320	630	3,50
21-36	60	60,0	71,5	68,8	90	360	650	2,66
21-40	63	63,5	77,5	73,2	70	280	760	3,96
21-48	76	76,2	90,5	87,8	45	180	900	3,18

Hydraulic hoses

1 SC

Updated at:
24.05.2022

Tube

oil resisant synthetic rubber

Reinforcement

1 high tensile steel wire netting

Cover

synthetic rubber with high temperature, ozone and abrasion resistance

Temperature

-40°C to +100°C

Standard

DIN EN 857



Order no.	DN in mm	internal Ø in mm	external Ø in mm	reinforcement in mm	working pressure in bar	burst pressure in bar	min.bending radius R in mm	weight kg/m
19-04	6	6,4	13,5	10,2	225	900	75	0,18
19-05	8	7,9	14,5	11,5	215	860	85	0,21
19-06	10	9,5	16,9	13,7	180	720	90	0,28
19-08	12	12,7	20,4	17,0	160	640	130	0,33
19-10	16	15,9	23,0	20,4	130	520	150	0,41
19-12	19	19,0	26,7	23,8	105	420	180	0,52
19-16	25	25,4	34,9	31,3	88	352	230	0,78

Hydraulic hoses 2 SC

Updated at:
24.05.2022

Tube

oil resisant synthetic rubber

Reinforcement

2 high tensile steel wir netting

Cover

synthetic rubber with high temperature, ozone and abrasion resistance

Temperature

-40°C to +100°C

Standard

DIN EN 857



Order no.	DN in mm	internal Ø in mm	external Ø in mm	reinforcement in mm	working pressure in bar	burst pressure in bar	min.bending radius R in mm	weight in kg/m
29-04	6	6,4	14,2	11,2	400	1600	75	0,28
29-05	8	7,9	16,0	12,7	350	1400	85	0,33
29-06	10	9,5	18,3	15,0	330	1320	90	0,42
29-08	12	12,7	21,5	18,3	275	1100	130	0,52
29-10	16	15,9	24,7	21,4	250	1000	170	0,61
29-12	19	19,0	28,6	25,5	215	860	200	0,79
29-16	25	25,4	36,6	33,4	165	660	250	1,10

Hydraulic hoses 1SN-K

Updated at:
24.05.2022

Tube

oil resisant synthetic rubber

Reinforcement

1 high tensile steel wire netting

Cover

synthetic rubber with high temperature, ozone and abrasion resistance

Temperature

-40°C to +100°C

Standard

is not a subject of any standard, the values from comparable standard of DIN EN 857-1 SC are exceeding



Order no.	DN in mm	internal Ø in mm	external Ø in mm	reinforcement Ø in mm	working pressure in bar	burst pressure in bar	min.bending radius R in mm	weight in kg/m
18-04	6	6,4	11,8	10,0	290	1160	40	0,18
18-05	8	7,9	13,6	11,6	250	1000	55	0,22
18-06	10	9,5	16,5	13,7	230	920	65	0,29
18-08	12	12,7	19,0	16,9	200	800	80	0,35
18-10	16	15,9	22,3	20,5	150	600	105	0,43
18-12	19	19,0	26,2	24,0	125	500	120	0,57
18-16	25	25,4	34,0	31,3	110	440	160	0,82

Hydraulic hoses 2SN-K

Updated at:
24.05.2022

HOSES

Tube

oil resisant synthetic rubber

Reinforcement

2 high tensile steel wire netting

Cover

synthetic rubber with high temperature, ozone and abrasion resistance

Temperature

-40°C to +100°C

Standard

is not a subject of any standard, the values from comparable standard of DIN EN 857-2 SC are exceeding



Order no.	DN in mm	internal Ø in mm	external Ø in mm	reinforcement Ø in mm	working pressure in bar	burst pressure in bar	min.bending radius R in mm	weight in kg/m
28-04	6	6,6	13,4	11,4	450	1800	45	0,29
28-05	8	8,3	15,0	13,0	420	1680	60	0,34
28-06	10	9,9	17,0	14,9	385	1540	70	0,44
28-08	12	13,0	20,7	18,7	345	1380	90	0,54
28-10	16	16,4	23,6	21,6	290	1160	130	0,63
28-12	19	19,5	27,7	25,7	280	1120	160	0,84
28-16	25	26,0	35,6	32,9	200	800	210	1,14

Highly abrasion-resistant cover:

- delivery is possible with highly abrasion-resistant cover - test according to EN ISO 6945 after 1 million cycles: no measurable abrasion

your advantage:

- no hose protection necessary - hose can be used for application under oil

Do you have need for hose lines with highly abrasion-resistant cover? We are looking forward to your inquiry.

Hydraulic hoses 3SPC

Updated at:
24.05.2022

Tube

oil resisant synthetic rubber

Reinforcement

3 high tensile steel wire netting

Cover

synthetic caoutchouc with high temperature, ozone and abrasion resistance

Temperature

-40°C to +100°C (max. 120°)



Order no.	DN in mm	internal Ø in mm	external Ø in mm	reinforcement Ø in mm	working pressure in bar	burst pressure in bar	min.bending radius R in mm	weight in kg/m
30-06	10	9,5	21,4	17,0	500	2000	120	0,72
30-08	12	12,7	24,2	20,2	470	1880	160	0,89
30-10	16	15,9	28,1	23,8	410	1640	210	1,07
30-12	19	19,0	31,8	27,8	375	1500	260	1,32
30-16	25	25,4	39,0	34,9	310	1240	310	1,82

Hydraulic hoses 4 SP

Updated at:
24.05.2022

HOSES

Tube

oil resistant syntetic rubber

Reinforcement

4 high tensile steel spirals

Cover

synthetic rubber with high temperature, ozone and abrasion resistance

Temperature

-40°C to +100°C

Standard

DIN EN 856; SAE 100 R9R



Order no.	DN in mm	internal Ø in mm	external Ø in mm	reinforcement Ø in mm	working pressure in bar	burst pressure in bar	min.bending radius R in mm	weight in kg/m
40-04	6	6,4	17,9	14,7	450	1800	150	0,60
40-06	10	9,5	21,4	17,5	445	1780	180	0,80
40-08	12	12,7	24,6	20,2	415	1660	230	0,95
40-10	16	15,9	28,2	23,8	350	1400	250	1,10

Highly abrasion-resistant cover:

- delivery is possible with highly abrasion-resistant cover - test accoridng to EN ISO 6945 after 1 million cycles: no measurable abrasion

your advantage:

- no hose protection necessary - hose can be used for application under oil

Do you have need for hose lines with highly abrasion-resistant cover? We are looking forward to your inquiry.

Hydraulic hoses 4 SH

Updated at:
24.05.2022

Tube

oil resistant syntetic rubber

Reinforcement

4 high tensile steel spirals

Cover

synthetic rubber with high temperature, ozone and abrasion resistance

Temperature

-40°C to +100°C

Standard

DIN EN 856



Order no.	DN in mm	internal Ø in mm	external Ø in mm	reinforcement Ø in mm	working pressure in bar	burst pressure in bar	min.bending radius R in mm	weight in kg/m
44-10	16	16,4	28,7	25,0	450	1800	250	1,11
44-12	19	19,0	32,0	28,2	420	1680	280	1,55
44-16	25	25,4	38,0	35,0	380	1520	340	2,15
44-20	31	32,0	45,0	42,0	350	1400	460	2,51
44-24	38	39,0	53,0	49,0	290	1160	560	3,33
44-32	51	50,8	68,0	63,0	250	1000	700	4,60

Highly abrasion-resistant cover:

- delivery is possible with highly abrasion-resistant cover - test according to EN ISO 6945 after 1 million cycles: no measurable abrasion

your advantage:

- no hose protection necessary - hose can be used for application under oil

Do you have need for hose lines with highly abrasion-resistant cover? We are looking forward to your inquiry.

Hydraulic hoses R13

Updated at:
24.05.2022

HOSES

Tube

oil resistant syntetic rubber

Reinforcement

6 high tensile steel spirals

Covering

synthetic rubber with high temperature, ozone and abrasion resistance

Temperature

-40°C to +120°C

Standard

DIN EN 856; SAE 100 R13



Order no.	DN in mm	internal Ø in mm	external Ø in mm	reinforcement Ø in mm	working pressure in bar	burst pressure in bar	min.bending radius R in mm	weight in kg/m
66-32	51	50,8	71,6	68,2	345	1380	630	6,51

Hydraulic hoses R15

Updated at:
24.05.2022

Tube

oil resistant syntetic rubber

Reinforcement

4 high tensile steel spirals up to DN 32, DN 40 with 6 spirals

Covering

synthetic rubber with high temperature, ozone and abrasion resistance

Temperature

-40°C to +120°C

Standard

SAE 100 R15



Order no.	DN in mm	internal Ø in mm	external Ø in mm	reinforcement Ø in mm	working pressure in bar	burst pressure in bar	min.bending radius R in mm	weight in kg/m
44-12	19	19,0	32,0	28,2	420	1680	280	1,55
86-16	25	25,4	38,4	35,1	420	1680	330	2,15
86-20	31	31,8	50,0	49,3	420	1680	445	3,98
86-24	38	38,1	57,3	54,0	420	1680	530	5,00

Hydraulic hoses 6SP 560 / 525 bar

Updated at:
24.05.2022

HOSES

Tube

oil resistant syntetic rubber

Reinforcement

4 high tensile steel spirals up to 32, DN 40 with 6 spirals

Covering

synthetic rubber with high temperature, ozone and abrasion resistance

Temperature

-40°C to +121°C



Order no.	DN in mm	internal Ø in mm	external Ø max in mm	reinforcement Ø max in mm	working pressure in bar	burst pressure in bar	min.bending radius R in mm	weight in kg/m
88-12-4S	19	19,4	32,5	29,4	560	2240	270	1,78
88-16-4S	25	25,7	40,2	37,2	560	2240	300	2,48
88-20	31	32,0	51,2	48,4	525	2100	420	3,59

Hydraulic hoses

PTFE Hose with Nobel - steel netting

Updated at:
24.05.2022

Tube

white Teflon ® (PTFE)

Reinforcement

noble-steel netting

Temperature

-70°C to +260°C



Order no.	DN in mm	internal Ø min/ max in mm	thickness PTFE- core in mm	external Ø min/ max in mm	working pressure at 20° in bar	burst pressure at 20° in bar	min. bending radius R in mm	weight in kg/m
R115-03	5	4,8 / 5,4	0,9	7,5 / 8,6	264	793	64	0,094
R115-04	6	6,4 / 7,0	0,8	8,8 / 9,9	224	672	76	0,092
R115-05	8	8,1 / 8,7	0,6	10,5 / 11,6	207	621	102	0,141
R115-06	10	9,9 / 10,6	0,9	12,8 / 14,1	183	552	133	0,148
R115-08	12	13,1 / 13,4	0,9	15,9 / 17,2	161	483	152	0,249
R115-10	16	16,1 / 17,1	0,9	18,9 / 20,6	114	345	178	0,290
R115-12	20	19,3 / 20,3	0,9	22,1 / 23,8	103	310	203	0,339
R115-16	25	25,6 / 26,6	0,9	28,4 / 30,1	80	241	305	0,461

Hydraulic hoses

Convolutated PTFE hose

Updated at:
24.05.2022

Tube

flach gewellt

Reinforcement

Stainless steel braid AISI 304

Temperature

-70°C to +260°C



Order no.	DN in mm	internal Ø min/ max in mm	external Ø min/ max in mm	working pressure at 20° in bar	burst pressure at 20° in bar	min. bending radius R in mm	weight in kg/m
R272-04	6	6,0 / 6,5	9,1 / 9,7	172	517	20	0,177
R272-05	8	7,8 / 8,3	12,2 / 12,7	100	400	25	0,195
R272-06	10	9,0 / 10,0	13,0 / 14,0	138	414	25	0,212
R272-08	12	12,5 / 13,0	18,2 / 19,2	103	310	25	0,303
R272-10	16	15,4 / 16,4	21,6 / 22,6	83	248	55	0,631
R272-12	20	18,5 / 19,6	24,0 / 25,3	69	207	65	0,430
R272-16	25	32,1 / 33,7	32,1 / 33,7	46	138	90	0,653
R272-20	32	32,0 / 32,5	40,2 / 41,2	34	103	125	0,750
R272-24	40	39,1 / 39,6	49,0 / 49,5	30	90	160	0,800
R272-32	50	49,9 / 50,9	59,2 / 60,2	23	70	200	0,950

Hydraulic hoses

MTH1

Updated at:
24.05.2022

Tube
Thermoplastic

Reinforcement
1 wire braid

Cover
Polyurethan

Temperature
-40°C to +100°C max. working temperature of air, water and fluids containing water: 65°C

Order no.	DN in mm	internal Ø in mm	external Ø in mm	working pressure at 20° in bar	burst pressure at 20° in bar	min.bending radius R in mm	weight in kg/m
TPP1-04PU	6	6,4	11,9	300	1200	40	0,170
TPP1-05PU	8	8,0	14,0	240	960	50	0,221
TPP1-06PU	10	9,5	16,0	225	900	60	0,260
TPP1-08PU	12	13,0	20,5	175	700	75	0,390
TPP1-10PU	16	16,3	23,3	150	600	110	0,412
TPP1-12PU	19	19,2	25,0	130	520	150	0,454
TPP1-16PU	25	25,6	32,5	105	420	185	0,618

Hydraulic hoses FLEXbase (14A)

Updated at:
24.05.2023

HOSES

Tube

Black smooth synthetic rubber, conductive, resistant to mineral oils and fuels with max. 50% aromatic content

Reinforcement

High tensile textile plies and helix wire embedded

Cover

Black, smooth rubber, abrasion, oil, fuel, ozone and weather resistant

Temperature

-40°C to 100°C



Order no.	DN in mm	DN in inch	internal Ø in mm	Tolerance internal Ø in mm	external Ø in mm	negative pressure	working pressure	burst pressure	min. bending radius R in mm	weight in kg/m
14A-12	19	3/4	19	±0,8	29	-0,8	21	84	76	0,6
14A-16	25	1	25	±0,8	35	-0,8	17	68	100	0,8
14A-20	31	1 1/4	32	±1,2	42	-0,8	14	56	128	0,9
14A-24	38	1 1/2	38	±1,2	48	-0,8	10	42	150	1,0
14A-32	51	2	51	±1,6	61	-0,8	10	30	204	1,3
14A-36	60	2 3/8	60	±1,6	72	-0,8	10	30	240	2,0
14A-40	63	2 1/2	63	±1,6	75	-0,8	10	30	252	2,1
14A-48	76	3	76	±1,6	88	-0,8	10	30	304	2,5
14A-56	90	3 1/2	89	±1,6	104	-0,8	10	30	360	3,0
14A-64	102	4	102	±1,6	116	-0,8	10	30	408	3,4
14A-80	127	5	127	±1,6	145	-0,8	10	30	508	5,8
14A-96	152	6	152	±1,6	170	-0,8	10	30	608	7,1

Hydraulic hoses FLEXtreme (17A)

Updated at:
24.05.2023

Tube

Black smooth synthetic rubber, conductive

Reinforcement

High tensile textile plies and helix wires embedded

Cover

Black, smooth rubber, abrasion, oil, fuel, ozone and weather resistant

Temperature

-40° up to 100°C



Order no.	DN in mm	DN in inch	internal Ø in mm	Tolerance internal Ø in mm	external Ø in mm	negative pressure	working pressure	burst pressure	min. bending radius R in mm	weight in kg/m
17A-12	19	3/4	19	±0,8	29	-1	25	75	38	0,58
17A-16	25	1	25	±0,8	35	-1	20	60	50	0,75
17A-20	31	1 1/4	32	±1,2	42	-1	17	51	64	0,92
17A-24	38	1 1/2	38	±1,2	48	-1	10	30	76	1,07
17A-32	51	2	51	±1,6	61	-1	10	30	102	1,39
17A-36	60	2 3/8	60	±1,6	72	-1	10	30	120	2,10
17A-40	63	2 1/2	63	±1,6	75	-1	10	30	126	2,10
17A-48	76	3	76	±1,6	88	-1	7	20	152	2,60
17A-56	90	3 1/2	90	±1,6	102	-1	7	20	180	3,04
17A-64	102	4	102	±1,6	116	-1	7	20	204	3,41
17A-80	127	5	127	±1,6	143	-0,9	7	20	254	5,53
17A-96	152	6	152	±1,6	168	-0,9	7	20	304	6,81

Hydraulic hoses

Kara

Updated at:
24.05.2022

HOSES

Tube

NBR smooth

Reinforcement

Texil layers, 1 spring steel spiral

Cover

CR - Quality (oil- and weather resistant)

Temperature

-40°C up to 100°C



Order no.	DN in mm	inch	internal Ø in mm	external Ø in mm	negative pressure in bar	working pressure in bar	burst pressure in bar	min.bending radius R in mm	weight in kg/m
15-24	38	1 1/2	38,1	53	0,8	25	75	255	1,540
15-32	51	2	50,9	67	0,8	25	75	300	2,515
15-40	63	2 1/2	64,0	82	0,8	25	75	420	3,080
15-48	76	3	76,5	95	0,8	25	75	530	4,270
15-64	102	4	102	125	0,8	25	75	770	6,000

Hydraulic hoses

Low pressure

Superconductor

Updated at:
24.05.2022

Tube

NBR smooth

Reinforcement

2 textile braids and embedded non-kinking steel helix in the conductive layer

Cover

CR black, electrically dissipative

Temperature

-30°C up 90°C (temporarily up 110°C)



Order no.	DN in mm	internal Ø in mm	external Ø in mm	working pressure in bar	burst pressure in bar	min.bending radius R in mm	weight in kg/m
TW-40	63	63	78	16	64	160	2,7
TW-48	75	75	90	16	64	180	3,3
TW-64	100	100	116	16	64	250	4,7
TW-80	125	125	145	16	56	350	7,6
TW-96	150	150	172	16	56	500	9,7
TW-128	200	200	224	16	56	1000	14,9

Hydraulic hoses

Hose bending protection

Updated at:
24.05.2022

HOSES



Order no.	internal Ø in mm	Length	Hose examples DN
KSF-015	14,5	120	-
KSF-001	18,7	150	1/2SN-4SP DN06
KSF-002	20,2	180	1/2SN DN08
KSF-003	21,7	200	1/2SN-4SP DN10
KSF-004	22,3	200	-
KSF-013	25,3	175	-
KSF-005	25,7	200	1/2SN-4SP DN12
KSF-006	29,5	220	1/2SN-4SP DN16
KSF-007	32,5	240	1/2SN DN19
KSF-008	34,6	240	4SP DN19
KSF-009	41,7	240	1/2SN-4SP DN25
KSF-010	51,5	300	1/2SN-4SP DN31

Hydraulic hoses

Hose bending protection pipe

Updated at:
24.05.2022



Order no.	internal Ø in mm	external Ø in mm	Length	Hose examples DN
KSR-001	29,0	40	200	4 SP DN12
KSR-003	36,0	50	200	4 SP DN19
KSR-004	43,8	60	250	4 SP DN25
KSR-005	51,2	65	185	-
KSR-007	56,3	75	250	R 15 DN31
KSR-008	56,3	73	185	R 15 DN31
KSR-009	68,1	90	190	17G DN51
KSR-010	76,1	100	250	4 SP DN51
KSR-011	76,1	100	350	2 SN DN51

Hydraulic hoses Hose bending protection rubber

Updated at:
24.05.2022

HOSES



Order no.	Hose DN	color
KSG-001	06	black
KSG-002	08	black
KSG-005	08	blue
KSG-003	10	black
KSG-006	10	blue
KSG-004	12	blue

Hydraulic hoses Abrasion protection spirale

Updated at:
24.05.2022



Order no.	internal Ø in mm	Hose examples DN
SSG-009	16,5	1ST DN06-08
SSG-012	18,0	1SN-2SN/ST DN06
SSG-016	20,5	1SC DN12
SSG-022	23,0	1SN-2SN/ST-4SP DN10
SSG-024	24,5	1SN DN16
SSG-028	26,0	1SN/ST-2SN/ST-4SP DN12
SSG-034	29,5	1SN/ST-4SP DN16
SSG-036	31,0	1SN-2SN DN19
SSG-039	33,5	1SN-2N/ST-4SP DN19
SSG-046	41,0	1SN-2SN/ST-4SP DN25
SSG-051	48,0	4SH DN31
SSG-055	51,5	1SN-2SN/ST-4SP DN31
SSG-059	58,5	4SH-6SP DN38
SSG-064	73,0	1SN DN51
SSG-069	85,0	6SP R13 DN 51

Hydraulic hoses Flat steel spiral

Updated at:
24.05.2022

HOSES



Order no.	internal Ø in mm	Hose examples DN
SSG-015	19,0	1/2SN-1ST-4SP DN6
SSG-018	21,0	1/2SN-1ST DN10
SSG-023	23,0	1/2SN-1ST DN12 2ST-4SP DN10
SSG-030	26,0	1/2SN-1ST DN16 2ST-4SP DN12

Hydraulic hoses Protection spiral -plastic

Updated at:
24.05.2022



Order no.	internal Ø in mm	external Ø in mm	Color
SSG-003	9,6	12,0	black
SSG-006	13,4	16,0	black
SSG-011	16,0	20,0	black
SSG-020	20,6	25,0	black
SSG-032	27,0	32,0	black
SSG-146	34,6	40,0	black
SSG-048	43,2	50,0	black
SSG-058	55,6	63,0	black
SSG-062	66,2	75,0	black
SSG-067	80,2	90,0	black
SSG-073	99,0	110,0	black
SSG-147	113,2	125,0	black
SSG-148	127,0	140,0	black

Hydraulic hoses

Fire protection hose with silicone coating

Updated at:
24.05.2022

HOSES

Reinforcement

mineral fibre ISO 2078, braided textile up to DN40, knitted textile up to DN110

Cover

silicone ISO 1629/LSR

Temperature

-60°C to +300°C, short-term with fire exposure up to 1200°C, short-term partial overheating up to 1600°C



Order no.	internal Ø in mm
SSG-010	16,0
SSG-013	18,0
SSG-017	20,0
SSG-021	22,0
SSG-025	24,0
SSG-029	26,0
SSG-033	28,0
SSG-035	30,0
SSG-037	32,0
SSG-042	36,0
SSG-044	40,0
SSG-049	45,0
SSG-053	50,0
SSG-057	55,0
SSG-060	60,0
SSG-061	65,0

Order no.	internal Ø in mm
SSG-063	70,0
SSG-065	75,0
SSG-068	80,0
SSG-070	85,0
SSG-071	90,0
SSG-074	100,0
SSG-075	110,0
SSG-076	120,0
SSG-077	125,0
SSG-078	140,0

Hydraulic hoses

Burst protection hose

Updated at:

HOSES

Hose

textile protective hose with MSHA approval

Color

black

Temperature

-40°C - + 120°C

Standard

meets the requirements of DIN EN ISO 3457 and DIN EN ISO 4413

Properties

acid, oil and solvent resistant, very high abrasion resistance

The inside diameter of the protective hose should be at least 15mm larger than the outside diameter of the hydraulic hose line. An open assembly on both sides is preferable. If fastening is required, the protective hose should only be fastened on one side. If it is necessary to fasten it on both sides, the protective hose must be divided and have a sufficient overlap at this point to ensure that the hydraulic fluid drains off in the event of the hydraulic hose line bursting.



Order no.	Innen Ø ± 0.5 in mm
SSG-128	17,0
SSG-130	23,0
SSG-131	27,0
SSG-125	31,0
SSG-132	36,0
SSG-133	39,0
SSG-149	46,0
SSG-135	55,0
SSG-151	62,0
SSG-152	78,0
SSG-153	109,0

Order no.	Innen Ø ± 0.5 in mm
SSG-150	125,0

Hydraulic hoses Pricking device PVM-50

Updated at:
09.05.2023

Tube

Device for the pricking of reinforced high pressure gas pipes up to DN 51



Note

Dimensions without handle (LxWxH): 160x170x430 (mm) Power: manually by hand crank Nails: 264 per roll hardened and blued

Options

-replacement of the complete roll of tiny nails or possible -Mounting possible either on bench or clamped in a vice

Dipl. Ing. K. Dietzel GmbH

D 04626 **Beerwalde**
Leedenstraße 10

Phone: +49 (36602) 140-0
Fax: +49 (36602) 140-809

Email: info@dietzel-hydraulik.de

Sales

Phone: +49 (36602) 140-140
Fax: +49 (36602) 3 47 27

Email: vertrieb@dietzel-hydraulik.de

For more information scan here:



www.dietzel-hydraulik.de