

HYDRAULIC HOSES AND FITTINGS

AN EXCITING PRODUCT RANGE

We provide hydraulic hoses in many versions and materials such as plastic or rubber - from low-pressure to high-pressure to maximum pressure hoses. Pipe couplings, ball valves, quick connect couplings, protectors, hydraulic pipes and measurement technology complete the diverse and comprehensive product range.

DIVERSITY EX-STOCK

In order to minimise downtimes for your machines, we guarantee delivery at short notice and rapid assistance by our Hydraulic Hose Service Centre. We keep various types of low-pressure hoses, high-pressure and maximum pressure hoses, multi-spiral hoses, PTFE hoses with stainless steel braiding and a wide range of plastic hydraulic hoses with the associated fittings in stock.

1 *Assembly of hydraulic hose lines according to manufacturer instructions.*

2 *Swaged ferrules are embossed in accordance with the standard and are also provided with customer-specific embossing if required.*

3 *Quality and final inspections are performed after the pressing.*



MANUFACTURE AND MACHINING

ASSEMBLY MADE TO MEASURE

We have the appropriate products for your requirements and mount these properly in accordance with manufacturer instructions in our modern assembly plant.

Workshop Service

Our workshop has cutting and skiving machines, hose pricking machines, cut to length equipment, hose presses, embossing machines and test equipment with logging unit.

It is thus guaranteed that assembly orders are always processed in accordance with the current state of the art.

Assembly Service

We have the appropriate hose for every application and assemble these customer-specifically in accordance with the given requirements. If required, we perform customer-specific marking and a pressure test with certificate.

PRODUCT RANGE ON THE NEXT PAGES

Rubber hydraulic hoses

- Hydraulic hoses with textile lining
- Hydraulic hoses with steel wire lining
- Multi-spiral hoses
- Suction hoses

Plastic hydraulic hoses

- PTFE/PFA hydraulic hoses
- R7/R8 hydraulic hoses
- Color spray hoses

Low-pressure hydraulic hoses

- Oil and fuel hoses



RUBBER HYDRAULIC HOSES

1 TE rubber hydraulic hose



Core: Oil-resistant synthetic rubber
Lining: High-tensile synthetic textile braid
Cover: Oil, ozone and weather-resistant synthetic rubber
Temperature range: -40°C to +100°C
Colour: black
Standard: EN 854
 ISO 4079-1 1 TE
Application: Suitable for use as a low-pressure hose for hydraulic, heating and mineral oils, as well as grease, water and air

Subject to technical changes without notice.

Item No.	Nominal width	ID mm	AD mm	Bending radius mm	stat. Operating pressure bar	Burst pressure bar
681450	DN 6	6.4	12.3	45	25	100
4152010	DN 8	8.0	13.9	65	20	80
694740	DN 10	9.5	15.5	75	20	80
694750	DN 12	12.7	19.0	90	16	64
4034690	DN 16	16.0	22.6	115	16	64
694770	DN 19	19.0	25.8	135	12	48
4034700	DN 25	25.4	33.2	165	12	48

2 TE rubber hydraulic hose



Core: Oil-resistant synthetic rubber
Lining: High-tensile synthetic textile braid
Cover: Oil, ozone and weather-resistant synthetic rubber
Temperature range: -40°C to +100°C
Colour: black
Standard: EN 854
 ISO 4079-1 2 TE
Application: Suitable for use as a medium-pressure hose for hydraulic, heating and mineral oils, as well as grease, water and air

Subject to technical changes without notice.

Item No.	Nominal width	ID mm	AD mm	Bending radius mm	Operating pressure bar	Burst pressure bar
10087282	DN 6	6.4	13.4	40	75	300
10087779	DN 8	8.0	14.9	50	68	272
10087783	DN 10	9.5	16.5	60	63	252
10087785	DN 12	12.7	19.7	70	58	232
10087786	DN 16	16.0	23.9	90	50	200
10087787	DN 19	19.0	27.0	110	45	180
10087283	DN 25	25.4	34.4	150	40	160

RUBBER HYDRAULIC HOSES



3 TE rubber hydraulic hose

Core:	Oil-resistant synthetic rubber
Lining:	High-tensile synthetic textile braid
Cover:	Oil, ozone and weather-resistant synthetic rubber
Temperature range:	-40°C to +100°C
Colour:	black
Standard:	EN 854 ISO 4079-1 3TE
Application:	Suitable for use as a medium-pressure hose for hydraulic, heating and mineral oils, as well as grease, water and air

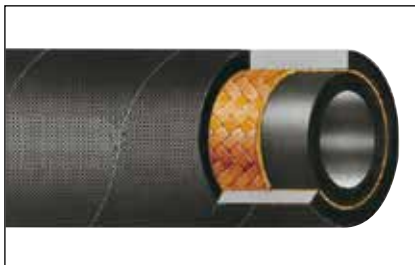


Subject to technical changes without notice.

Item No.	Nominal width	ID mm	AD mm	Bending radius mm	Operating pressure bar	Burst pressure bar
4152080	DN 6	6.4	14.4	45	145	580
4152090	DN 8	8.0	16.9	55	130	520
4152100	DN 10	9.5	18.5	70	110	440
4152110	DN 12	12.7	21.7	85	93	372
4152120	DN 16	16.0	25.9	105	80	320
4152130	DN 19	19.0	29.0	130	70	280
4152140	DN 25	25.4	35.9	150	55	220
4152150	DN 31	31.8	42.3	190	45	180
4033780	DN 38	38.1	49.6	240	40	160

RUBBER HYDRAULIC HOSES

1 SN rubber hydraulic hose



Core: Oil-resistant synthetic rubber
Lining: One braided lining made from high-tensile steel wire
Cover: Oil, abrasion and weather-resistant synthetic rubber
Temperature range: -40°C to +100°C
Colour: black
Standard: DIN EN 853
 SAE 100 R1 AT - R1 ATS / ISO 1436: 2009
Application: Suitable for use as a low and medium-pressure hydraulic hose for agricultural and construction machinery

Subject to technical changes without notice.

Item No.	Nominal width	ID mm	AD mm	Bending radius mm	Operating pressure bar	Burst pressure bar
4557920	DN 6	6.4	13.2	100	225	900
4557930	DN 8	8.0	14.8	115	215	850
4557940	DN 10	9.5	17.2	130	180	720
4557950	DN 12	12.7	20.4	180	160	640
4557960	DN 16	16.0	23.5	200	130	520
4557970	DN 19	19.0	25.2	240	105	420
4557980	DN 25	25.4	35.4	300	88	350
10090554	DN 31	31.8	43.5	420	63	250
10090555	DN 38	38.1	50.0	500	50	200
10090556	DN 51	50.8	63.6	630	40	160

2 SN rubber hydraulic hose



Core: Oil-resistant synthetic rubber
Lining: Two braided linings made from high-tensile steel wire
Cover: Oil, abrasion and weather-resistant synthetic rubber
Temperature range: -40°C to +100°C
Colour: black
Standard: DIN EN 853
 SAE 100 R2 AT - R2 ATS / ISO 1436: 2009
Application: Suitable for use as a medium and high-pressure hydraulic hose for agricultural and construction machinery

Subject to technical changes without notice.

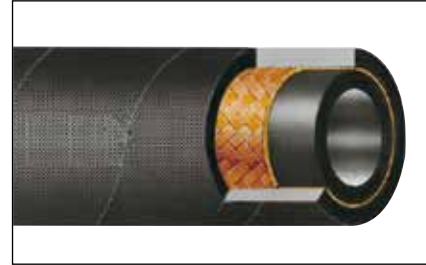
Item No.	Nominal width	ID mm	AD mm	Bending radius mm	Operating pressure bar	Burst pressure bar
4400290	DN 6	6.4	15.0	100	400	1600
4400300	DN 8	8.0	16.5	115	350	1400
4400310	DN 10	9.5	18.9	130	330	1320
4400320	DN 12	12.7	22.2	180	275	1100
4400330	DN 16	16.0	25.2	200	250	1000
4400340	DN 19	19.0	29.2	240	215	850
4400350	DN 25	25.4	37.2	300	165	650
10090559	DN 31	31.8	47.3	420	125	500
10090562	DN 38	38.1	53.7	500	90	360
10090566	DN 51	50.8	66.7	630	78	310

RUBBER HYDRAULIC HOSES



1 SC rubber hydraulic hose

- Core:** Oil-resistant synthetic rubber
- Lining:** One braided lining made from high-tensile steel wire
- Cover:** Oil, abrasion and weather-resistant synthetic rubber
- Temperature range:** -40°C to +100°C
- Colour:** black
- Standard:** EN 857
ISO 11237-1 1SC
- Application:** Suitable for use as a low and medium-pressure hydraulic hose for agricultural and construction machinery



Subject to technical changes without notice.

Item No.	Nominal width	ID mm	AD mm	Bending radius mm	Operating pressure bar	Burst pressure bar
4558030	DN 6	6.4	12.2	75	225	900
10090567	DN 8	8.0	13.6	85	215	850
4663020	DN 10	9.5	15.5	90	180	720
10090575	DN 12	12.7	19.0	130	160	640
10090594	DN 16	16.0	22.4	150	130	520
10090596	DN 19	19.0	25.8	180	105	420
10090597	DN 25	25.4	33.4	230	88	350

2 SC rubber hydraulic hose

- Core:** Oil-resistant synthetic rubber
- Lining:** Two braided linings made from high-tensile steel wire
- Cover:** Oil, abrasion and weather-resistant synthetic rubber
- Temperature range:** -40°C to +100°C
- Colour:** black
- Standard:** EN 857
ISO 11237-1 2SC
- Application:** Suitable for use as a medium and high-pressure hydraulic hose for agricultural and construction machinery



Subject to technical changes without notice.

Item No.	Nominal width	ID mm	AD mm	Bending radius mm	Operating pressure bar	Burst pressure bar
10090598	DN 6	6.4	13.4	75	400	1600
10090599	DN 8	8.0	15.0	85	350	1400
10090600	DN 10	9.5	17.1	90	330	1320
10077122	DN 12	12.7	20.7	130	275	1100
10090604	DN 16	16.0	23.8	170	250	1000
10090607	DN 19	19.0	27.7	200	215	850
10090608	DN 25	25.4	35.5	250	165	650

RUBBER HYDRAULIC HOSES

1 SNK compact rubber hydraulic hose



Pulse tested in up to 700,000 cycles

- Core:** Oil-resistant synthetic rubber
- Lining:** One maximum-strength steel wire braid
- Cover:** Abrasion, ozone and weather-resistant synthetic rubber
- Temperature range:** -40°C to +100°C
- Colour:** black
- Application:** Suitable for use as a medium and high-pressure hydraulic hose for agricultural and construction machinery
- Special properties:** Extremely small bending radius, making it really flexible

Subject to technical changes without notice.

Item No.	Nominal width	ID mm	AD mm	Bending radius mm	Operating pressure bar	Burst pressure bar
10018423	DN 6	6.4	11.8	40	290	1160
10026572	DN 8	7.9	13.6	55	250	1000
10026577	DN 10	9.5	16.5	65	230	920
10026580	DN 12	12.7	19.0	80	200	800
10026584	DN 16	15.9	22.3	105	150	600
10026588	DN 19	19.0	26.2	120	125	500
10026590	DN 25	25.4	34.0	160	110	440

2 SNK compact rubber hydraulic hose



Pulse tested in up to 1 million cycles

- Core:** Oil-resistant synthetic rubber
- Lining:** Two maximum-strength steel wire braids
- Cover:** Abrasion, ozone and weather-resistant synthetic rubber
- Temperature range:** -40°C to +100°C
- Colour:** black
- Application:** Suitable for use as a high-pressure hydraulic hose for agricultural and construction machinery
- Special properties:** Extremely small bending radius, making it really flexible

Subject to technical changes without notice.

Item No.	Nominal width	ID mm	AD mm	Bending radius mm	Operating pressure bar	Burst pressure bar
4651690	DN 6	6.4	13.4	45	450	1800
4651700	DN 8	7.9	15.0	60	420	1680
4651710	DN 10	9.5	17.4	70	385	1540
4651720	DN 12	12.7	20.6	90	345	1380
4651730	DN 16	15.9	23.7	130	290	1160
4651740	DN 19	19.0	27.7	160	280	1120
4586650	DN 25	25.4	35.6	210	200	800

RUBBER HYDRAULIC HOSES



3 SN HARVESTER rubber hydraulic hose

Core:	Oil-resistant synthetic rubber
Lining:	Three braided linings made from high-tensile steel wire
Cover:	Oil, abrasion and weather-resistant synthetic rubber
Temperature range:	-40°C to +100°C
Colour:	black
Application:	Suitable for use as a high-pressure hydraulic hose for forestry, agricultural and construction machinery
Special properties:	Highly wear-resistant, small bending radius with either the same or a higher operating pressure as/than EN 856 4SP



Subject to technical changes without notice.

Item No.	Nominal width	ID mm	AD mm	Bending radius mm	Operating pressure bar	Burst pressure bar
10090563	DN 12	12.7	25.2	160	470	1880
10090569	DN 16	16.0	28.8	210	410	1640
10090572	DN 19	19.0	32.5	260	375	1500
10090576	DN 25	25.4	40.5	310	327	1310
10090579	DN 31	31.8	46.5	410	240	960

RUBBER HYDRAULIC HOSES

4 SP rubber hydraulic hose



- Core:** Oil-resistant synthetic rubber
- Lining:** Four spiral linings made from high-tensile steel wire
- Cover:** Oil, abrasion and weather-resistant synthetic rubber
- Temperature range:** -40°C to +100°C
- Colour:** black
- Standard:** EN 856
- Application:** Suitable for use as a high-pressure hose for hydraulic systems in harsh working environments

Subject to technical changes without notice.

Item No.	Nominal width	ID mm	AD mm	Bending radius mm	Operating pressure bar	Burst pressure bar
10090610	DN 6	6.4	17.6	150	450	1800
10067176	DN 10	9.5	21.2	180	445	1780
10090611	DN 12	12.7	24.4	230	415	1660
10090613	DN 16	16.0	28.0	250	350	1400
10090616	DN 19	19.0	32.0	300	350	1400
10090617	DN 25	25.4	39.1	340	280	1120

4 SH rubber hydraulic hose



- Core:** Oil-resistant synthetic rubber
- Lining:** Four spiral linings made from high-tensile steel wire
- Cover:** Oil, abrasion and weather-resistant synthetic rubber
- Temperature range:** -40°C to +100°C
- Colour:** black
- Standard:** EN 856
- Application:** Suitable for use as a high-pressure hose for hydraulic systems in harsh working environments

Subject to technical changes without notice.

Item No.	Nominal width	ID mm	AD mm	Bending radius mm	Operating pressure bar	Burst pressure bar
10090618	DN 19	19.0	32.0	280	420	1680
10074248	DN 25	25.4	38.4	340	380	1520
10090619	DN 31	31.8	45.2	460	350	1400
10090623	DN 38	38.1	53.3	560	290	1160
10090627	DN 51	50.8	67.6	700	250	1000

RUBBER HYDRAULIC HOSES



R13 rubber hydraulic hose

- Core:** Oil-resistant synthetic rubber
- Lining:** Four to six spiral linings made from high-tensile steel wire
- Cover:** Oil, abrasion and weather-resistant synthetic rubber
- Temperature range:** -40°C to +120°C
- Colour:** black
- Standard:** EN 856
SAE 100 R13
- Application:** Suitable for use as a high-pressure hose for hydraulic systems in harsh working environments



Subject to technical changes without notice.

Item No.	Nominal width	ID mm	AD mm	Bending radius mm	Operating pressure bar	Burst pressure bar
10090581	DN 19	19.0	32.0	240	345	1380
10090586	DN 25	25.4	38.4	300	345	1380
10090587	DN 31	31.8	49.3	420	345	1380
10090590	DN 38	38.1	57.3	500	345	1380
10090591	DN 51	50.8	71.6	630	345	1380

R15 rubber hydraulic hose

- Core:** Oil-resistant synthetic rubber
- Lining:** Four to six spiral linings made from high-tensile steel wire
- Cover:** Oil, abrasion and weather-resistant synthetic rubber
- Temperature range:** -40°C to +120°C
- Colour:** black
- Standard:** SAE 100 R15
- Application:** Suitable for use as a high-pressure hose for hydraulic systems in harsh working environments



Subject to technical changes without notice.

Item No.	Nominal width	ID mm	AD mm	Bending radius mm	Operating pressure bar	Burst pressure bar
10090595	DN 16	16.0	28.7	235	420	1680
10090601	DN 19	19.0	32.0	265	420	1680
10090602	DN 25	25.4	38.4	330	420	1680
10090603	DN 31	31.8	49.3	445	420	1680
10090606	DN 38	38.1	57.3	530	420	1680

RUBBER HYDRAULIC HOSES

R4 hydraulic suction hose (smooth)



Core: Oil-resistant synthetic rubber
Lining: Two high-tensile textile braids, one steel wire spiral
Cover: Wear, oil, ozone and weather-resistant synthetic rubber, smooth
Temperature range: -40°C to +100°C
Colour: black
Standard: SAE 100 R4
Fittings: Compatible fittings on request
 Subject to technical changes without notice.

Item No.	Nominal width	ID mm	AD mm	Bending radius mm	Operating pressure bar	Vacuum bar	Burst pressure bar
10063753	DN 19	19.0	32.0	127	21	-0.9	84
10090637	DN 25	25.4	38.0	152	17	-0.9	69
10063755	DN 32	32.0	45.0	203	14	-0.9	56
4334240	DN 38	38.2	52.0	254	10	-0.9	40
10082768	DN 51	50.8	64.0	305	7	-0.9	28
10090639	DN 63	63.5	78.0	360	4	-0.9	17
10090642	DN 76	76.2	90.0	450	4	-0.9	15
10090644	DN 102	101.6	116.0	610	2	-0.9	10

R4 hydraulic suction hose (corrugated)



Core: Oil-resistant synthetic rubber
Lining: Two high-tensile textile braids, one steel wire spiral
Cover: Wear, oil, ozone and weather-resistant synthetic rubber, corrugated
Temperature range: -40°C to +100°C
Colour: black
Standard: SAE 100 R4
Fittings: Compatible fittings on request
 Subject to technical changes without notice.

Item No.	Nominal width	ID mm	AD mm	Bending radius mm	Operating pressure bar	Vacuum bar	Burst pressure bar
10090621	DN 19	19.0	25.0	50	5	-0.5	15
10090645	DN 25	25.4	35.0	68	5	-0.5	15
10090647	DN 32	32.0	42.0	85	5	-0.5	15
10090652	DN 38	38.2	48.0	105	5	-0.5	15
10090653	DN 51	50.8	63.0	150	5	-0.5	15

RUBBER HYDRAULIC HOSES

REIFF SaugFLEX R4 hydraulic suction hose (smooth)

Core:	NBR rubber, resistant to hydraulic oils
Lining:	High-tensile, synthetic textile lining with additional steel wire spiral
Cover:	Oil, ozone and weather-resistant CR rubber
Temperature range:	-40°C to +100°C
Colour:	black
Standard:	SAE J 517
Application:	Suitable for use as a suction and pressure hose for mineral oils in industry and as an oil return hose for agricultural machinery.
Special properties:	Extremely small bending radius, making it really flexible



Subject to technical changes without notice.

Item No.	Nominal width	ID mm	AD mm	Bending radius mm	Operating pressure bar/20 °C	Vacuum bar/20 °C	Burst pressure bar/20 °C
10084323	DN 19	19.0	29.0	35	21	-0.8	84
10084366	DN 25	25.4	35.0	45	17	-0.8	68
10084368	DN 32	31.8	42.0	55	14	-0.8	56
10084370	DN 38	38.1	49.0	65	10	-0.8	40
10084374	DN 51	50.8	62.0	100	7	-0.8	28
10084377	DN 63	63.5	75.5	130	4	-0.8	16
10084378	DN 76	76.2	88.0	160	4	-0.8	16
10084379	DN 90	88.9	103.0	210	3	-0.8	12
10084380	DN 100	101.6	115.0	240	2	-0.8	8

PLASTIC HYDRAULIC HOSES

PTFE hydraulic hose with stainless steel braiding



Core: PTFE, smooth
Cover: One high-tensile wire braid made from stainless steel
Temperature range: -70°C to +260°C
Fittings: Compatible fittings on request
 Subject to technical changes without notice.

Item No.	Nominal width	ID mm	AD mm	Bending radius mm	Operating pressure bar	Burst pressure bar
4396430	DN 6	6.4	9.0	45	175	700
4396440	DN 8	7.9	10.8	50	150	600
4133250	DN 10	9.5	12.4	55	135	540
4315910	DN 12	12.7	15.7	70	120	480
4396460	DN 16	15.9	19.1	130	100	400
4322480	DN 19	19.0	22.2	190	90	360
4396470	DN 25	25.4	29.3	270	65	260

PTFE hydraulic hose with stainless steel braiding (corrugated)



Core: PTFE, corrugated
Cover: One high-tensile wire braid made from stainless steel
Temperature range: -70°C to +260°C
Fittings: Compatible fittings on request
 Subject to technical changes without notice.

Item No.	Nominal width	ID mm	AD mm	Bending radius mm	Operating pressure bar	Burst pressure bar
10063697	DN 10	10.5	15.6	20	120	480
10070876	DN 12	13.5	18.5	25	110	440
10066051	DN 16	16.5	22.5	50	80	320
10063383	DN 19	20.0	26.7	65	70	280
10090663	DN 25	26.0	33.7	89	50	200
10090665	DN 31	32.0	38.7	110	45	180
10090667	DN 38	38.0	44.2	120	40	160
10090668	DN 51	51.0	57.7	110	30	144

PLASTIC HYDRAULIC HOSES

PFA hydraulic hose with stainless steel braiding (corrugated)

Core:	PFA, corrugated
Lining:	One glass fibre braid
Cover:	One stainless steel wire braid
Temperature range:	-54°C to +250°C
Fittings:	Compatible fittings on request
Special properties:	Parallel corrugated, highly flexible, low weight

Subject to technical changes without notice.



Item No.	Nominal width	ID mm	AD mm	Bending radius mm	Operating pressure bar / 20°C	Burst pressure bar
10090700	DN 6	6.8	11.5	30	90	360
4396860	DN 8	7.7	12.5	40	70	280
4396870	DN 10	9.7	15.0	50	65	260
4396880	DN 13	12.5	18.0	60	60	240
4396890	DN 16	15.5	22.0	60	55	220
4396900	DN 20	19.8	27.0	70	45	180
10090716	DN 25	28.0	34.8	80	30	120

PLASTIC HYDRAULIC HOSES

R7 plastic hydraulic hose



Core: Polyester
Lining: Two high-tensile polyester braids
Cover: polyurethane
Temperature range: -40°C to +100°C
Colour: black
Standard: EN 855
 SAE 100 R7

Subject to technical changes without notice.

Item No.	Nominal width	ID mm	AD mm	Bending radius bar	Operating pressure bar	Burst pressure bar
10090676	DN 6	6.4	11.8	50	200	800
10090678	DN 8	8.0	14.3	55	190	760
10054529	DN 10	9.7	16.0	75	175	700
10083649	DN 12	13.0	20.3	95	140	560
10090679	DN 16	16.0	23.5	125	105	420
10090680	DN 19	19.2	26.5	150	90	360
10090681	DN 25	25.6	32.5	200	70	280

R7 plastic hydraulic hose (twin hose)



Core: Polyester
Lining: Two high-tensile polyester braids
Cover: polyurethane
Temperature range: -40°C to +100°C
Colour: black
Standard: EN 855
 SAE 100 R7

Subject to technical changes without notice.

Item No.	Nominal width	ID mm	AD mm	Bending radius mm	Operating pressure bar	Burst pressure bar
10090655	DN 6	6.4	11.8	50	200	800
10090688	DN 8	8.0	14.3	55	190	760
10090690	DN 10	9.7	16.0	75	175	700
10090692	DN 12	13.0	20.3	95	140	560

PLASTIC HYDRAULIC HOSES

R8 plastic hydraulic hose

Core: Polyester
Lining: Two high-tensile aramid fibre braids
Cover: polyurethane
Temperature range: -40°C to +100°C
Colour: black
Standard: EN 855
 SAE 100 R8



Subject to technical changes without notice.

Item No.	Nominal width	ID mm	AD mm	Bending radius mm	Operating pressure bar	Burst pressure bar
10080311	DN 6	6.4	11.8	50	350	1400
10064700	DN 8	8.0	14.3	60	325	1300
10090669	DN 10	9.7	16.0	80	280	1120
10090671	DN 12	13.0	20.3	95	245	980
10090673	DN 16	16.0	23.5	125	195	780
10090674	DN 19	19.2	26.5	150	165	660
10090675	DN 25	25.6	34.7	200	145	580

R8 plastic hydraulic hose (twin hose)

Core: Polyester
Lining: Two high-tensile aramid fibre braids
Cover: polyurethane
Temperature range: -40°C to +100°C
Colour: black
Standard: EN 855
 SAE 100 R8



Subject to technical changes without notice.

Item No.	Nominal width	ID mm	AD mm	Bending radius mm	Operating pressure bar	Burst pressure bar
10090672	DN 6	6.4	11.8	50	350	1400
10090683	DN 8	8.0	14.3	60	325	1300
10090685	DN 10	9.7	16.0	80	280	1120
10090686	DN 12	13.0	20.3	95	245	980

PLASTIC HYDRAULIC HOSES

MT1 plastic colour spray hose



Core: Polyamides
Lining: One high-tensile steel wire braid
Cover: polyurethane
Temperature range: -40°C to +100°C
Colour: black
Fittings: Compatible fittings on request
Special properties: Suitable for paint and thinners
 Subject to technical changes without notice.

Item No.	Nominal width	ID mm	AD mm	Bending radius mm	Operating pressure bar	Burst pressure bar
10086677	DN 6	6.4	11.9	40	300	1200
10090701	DN 8	8.0	14.0	50	240	960
4154210	DN 10	9.7	16.0	60	225	900
10090704	DN 12	13.0	20.5	75	175	700
10090706	DN 16	16.0	23.3	110	150	600
10090707	DN 19	19.2	25.0	150	130	520
10090711	DN 25	25.6	32.5	185	105	420

MT2 plastic colour spray hose



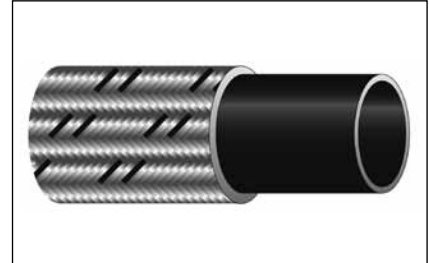
Core: Polyamides
Lining: Two high-tensile steel wire braids
Cover: polyurethane
Temperature range: -40°C to +100°C
Colour: black
Fittings: Compatible fittings on request
Special properties: Suitable for paint and thinners
 Subject to technical changes without notice.

Item No.	Nominal width	ID mm	AD mm	Bending radius mm	Operating pressure bar	Burst pressure bar
10090713	DN 6	6.4	13.5	40	375	1500
10090714	DN 8	8.0	15.1	50	310	1240
10090715	DN 10	9.7	17.0	60	300	1200
10090717	DN 12	13.0	22.0	75	250	1000
10090719	DN 16	16.0	24.5	110	190	760
10090720	DN 19	19.2	27.5	150	160	640
10090721	DN 25	25.6	35.0	185	150	600

LOW-PRESSURE HYDRAULIC HOSES

ND1 oil and fuel hose

Core: Oil and fuel-resistant synthetic rubber made from NBR
Cover: Braiding made from galvanised iron wire
Temperature range: -30°C to +90°C
Standard: EN/ISO 6806
Fittings: Compatible fittings on request
Application: Suitable for use as a low-pressure hose for diesel fuel, lubricants, cooling water, compressed air, etc. and (to an extent) petrol



Subject to technical changes without notice.

Item No.	Nominal width	ID mm	AD mm	Bending radius mm	Operating pressure bar
560980	DN 3	4.5	9.0	25	20
492990	DN 4	5.6	10.5	30	20
493000	DN 6	7.5	12.5	40	15
493010	DN 8	9.5	14.5	50	15
493020	DN 10	11.8	17.5	70	10
493030	DN 13	15.3	22.0	80	15
493040	DN 16	17.0	26.0	100	10
493050	DN 20	22.0	29.0	150	10

ND2 oil and fuel hose

Core: Oil and fuel-resistant synthetic rubber made from NBR
Lining: Vulcanised on yarn braid
Cover: Braiding made from galvanised iron wire
Temperature range: -30°C to +90°C
Fittings: Compatible fittings on request
Application: Suitable for use as a low-pressure hydraulic hose for fuels, lubricants, cooling water, compressed air, etc.



Subject to technical changes without notice.

Item No.	Nominal width	ID mm	AD mm	Bending radius mm	Operating pressure bar
561090	DN 3	4.5	10.5	35	30
493060	DN 4	5.5	11.5	40	30
493070	DN 6	7.5	13.5	50	30
493080	DN 8	9.0	15.0	60	25
493090	DN 10	11.5	18.5	80	20
493100	DN 13	14.0	22.5	80	25
493110	DN 16	16.0	23.0	120	15

TUBE COUPLINGS AND HOSE FITTINGS



The complete VOLZ range



Comprehensive range of tube couplings and hose fittings made from stainless steel

- Tube couplings to DIN or in special versions
- Hose fittings with all standard connections: JIC, UNF, NPT, BSP, BSPT, metric, etc.
- Adapters
- Welded fittings (welded-on fittings, welded-in bulkhead fittings, welding taper with or without O-ring, etc.)
- Aseptic fittings for the food and pharmaceutical industries, etc.
- Fittings with gaps or minimal dead space for applications requiring transitions inside the tube that are as smooth as possible and piggable
- Low-friction union nuts (a special coating greatly reduces the friction between the pipe thread and the union nut, thereby decreasing the tightening torque)
- Rapid response to special requests (special dimensions, special lengths, special angles, special materials, a mixture of connections, etc.)

Steel tube couplings

A complete range of **zinc nickel** tube couplings:

24° DIN compression fittings to DIN EN ISO 8434-1

24° conical nipple fittings

Swivelling screw-fittings

Welded fittings

Bulkhead fittings

...

- High-quality zinc nickel corrosion protection, many times higher than zinc:
 - > 480 h without white rust (DIN EN ISO 9227)
 - > 720 h without red rust (DIN EN ISO 9227)
- Can be varnished
- Environmental compatibility: Conforms to the End of Life Vehicles Directive with number 2000/53/EC



HOSE PROTECTION

Plastic protecting coil SGX



Ultra-effective and versatile protection for hoses and cables:

- Extremely high rupture strength
- High wear resistance
- Tested under the harshest conditions
- Self-lubrication reduces wear on hoses and cables
- No damage to material during fitting
- Easy to fit on site
- Ideal for individual and bundled hoses or cables
- Good UV resistance
- Application areas: Mining and tunnelling, quarrying, forestry, etc.

Colour: Black (other colours on request)

The specified dimensions are approximate values due to the nature of the production technology involved.

Subject to technical changes without notice.

Item No.	Type	Outer Ø mm	Inner Ø mm	Wall thickness mm	Bundle range for OD in mm	Unit Metre
4336200	SGX12	12	9	1.6 – 1.9	9 to 13	20
1122870	SGX16	16	13	1.6 – 1.9	13 to 17	20
1122880	SGX20	20	16	1.7 – 2.0	16 to 22	20
4340410	SGX25	25	21	1.7 – 2.0	22 to 28	20
1122890	SGX32	32	27	2.7 – 3.1	27 to 33	20
4340420	SGX40	40	33	2.7 – 3.1	33 to 44	20
1122900	SGX50	50	44	3.5 – 3.9	44 to 65	20
4340430	SGX75	75	65	4.3 – 4.9	65 to 90	20
4340440	SGX90	90	80	5.2 – 5.9	80 to 200	20

HOSE PROTECTION

Burst protection sleeve

When using this protective sleeve, it is essential to ensure that there is sufficient space between the hose and the burst protection sleeve. The outer diameter of the burst protection sleeve should be at least 10 mm greater than that of the hose.

Colour: Black (other colours on request)

Temperature range: -40°C to +100°C

Material: Polyester

Subject to technical changes without notice.



Item No.	Inner Ø mm	Width (flat) mm	Unit Metre
10093015	20	35	100
10093016	22	40	100
10093017	25	45	100
10093018	28	50	100
10054141	32	55	100
10093019	35	60	100
10093020	38	65	100
10093021	45	80	100
10093022	50	90	100
10093023	70	120	100
10093024	90	150	100

Silicone fire protection hose

Superb protection at extremely high ambient temperatures:

- Optimum protection against splashes of molten material
- No residue formation on conductive material - even if the surface of the insulating sleeve is destroyed
- No risk of burns in the event of contact
- Resistant to hydraulic liquids, naphthas and lubricating oils

Area of application: For insulating wires, lines and cables against the effect of heat and short-term flame impingement

Colour: red

Temperature range: Up to +260°C (continuous use)

Material: Base material: glass fibre; coating: heavy-duty silicone

Subject to technical changes without notice.



Item No.	Inner Ø mm	Unit Metre
4516990	16	15 / 30
4517000	19	15 / 30
4551130	22	15 / 30
4540480	25	15 / 30
10007092	28	15 / 30
4517010	35	15 / 30
4526170	38	15 / 30
10083312	51	15 / 30

HOSE PROTECTION

Spring band steel protective spiral



Application: For protecting hoses and hose lines against external damage

Material: Galvanised spring steel

Subject to technical changes without notice.

Item No.	Inner Ø mm	Steel band dimensions mm	Unit Metre
10092979	13	7 x 0.8	10
10092980	15	7 x 0.8	10
10092981	17	7 x 0.8	10
10092982	19	7 x 0.8	10
10092983	21	7 x 0.8	10
10092984	23	7 x 0.8	10
10092985	26	7 x 0.8	10
10092986	29	7 x 0.8	10
10092987	34	7 x 0.8	10
10092988	41	7 x 0.8	5
10092989	48	10 x 1	5
10092990	54	10 x 1	5

Scuff protection round wire spiral with pitch



Application: For protecting hoses and hose lines against external damage

Material: Galvanised spring steel

Version "without pitch" on request.

Subject to technical changes without notice.

Item No.	Inner Ø mm	Wire thickness mm	Spacing of coil mm	Unit Metre
10092999	10	1.5	4	5
10093000	12.5	1.5	4	5
10093001	14.5	1.5	4	5
10093002	17	2.0	5	5
10093003	18.5	2.0	5	5
10093004	21	2.0	5	5
10093005	23	2.0	5	5
10093006	26	2.0	5	5
10093007	30.5	2.5	5	5
10093008	33	2.5	5	5
10093009	37	3.0	6	5
10093010	41	3.0	6	5
10093011	47	3.0	6	5
10093012	52	3.0	6	5
10093013	58.5	3.0	6	5
10093014	69.5	3.0	6	5

HOSE PROTECTION

Anti-kink spring

Application: Prevents kinks in the hose immediately after swaging

Material: Galvanised spring steel

Subject to technical changes without notice.



Item No.	Inner Ø mm	Wire thickness mm	Total length mm
10092991	18	2.5	210
10092992	22.3	2.5	210
10092993	23	2.5	210
10092994	25.7	3.0	210
10092995	29.3	3.5	230
10092996	34	3.5	250
10092997	42	3.5	280
10092998	53.1	4.0	360

HYDRAULIC ACCESSORIES AND COMPONENTS



The complete STAUFF range



STAUFF clamps
 Pipe clamps to
 DIN 3015 light-duty, part 1
 DIN 3015 heavy-duty, part 2
 DIN 3015 twin series, part 3

DIN 3567 types A and B,
 DIN 1592, DIN 1593, DIN 1596, DIN 1597

Flat steel clamps
 Round steel clamps
 Special clamps in practically any design



STAUFF measuring technology
 Measuring screw connections test 20 adaptation thread M16 x 2
 Measuring screw connections test 15 adaptation thread M16 x 1.5
 Measuring screw connections test 12 adaptation thread S12.65 x 1.5
 Measuring screw connections test 10 connector system
 Couplings
 Adapters
 Measuring hoses



STAUFF SAE flanges
 SAE flange halves and
 SAE solid flanges
 SAE flange adapters and
 SAE mating flange adapters
 One-piece SAE flanges
 SAE sealing flanges and
 SAE intermediate plates
 SAE blocks



STAUFF pump flange
 Pump flange with cutting ring
 connection
 Angle pump flange with
 90° BSP thread
 Straight pump flange



Diagnostics
 Manometer
 Measuring devices
 Laser particle counters
 Sensors and switches



Valves
 Two-way ball valves
 Multi-way ball valves
 Flow control valves
 Pressure gauge selector switches



Hydraulic accessories
 Level indicators
 Thermo switches
 Filling and breather filters
 Air filters

Suction strainers
 Return flow distributors
 Air dehumidifiers

REIFF CAN DO MORE

With a product range of more than 140,000 standard products, it is impossible to know every product. Antifriction bearings, V-belts, hydraulic hoses or sealing rings – the products are as diverse as the intended applications and application areas themselves.

Explore our diverse product areas and discover the possibilities this catalogue provides.

From the standard product to the special design – we are true product specialists in the areas of:

DRIVE TECHNOLOGY

FLAT SEALS, RUBBER COMPONENTS AND INSULATORS
RUBBER AND PLASTIC PROFILES

LINEAR TECHNOLOGY

VIBRATION DAMPING ELEMENTS

SEALING ELEMENTS ANTIFRICTION BEARINGS

SEALING TECHNOLOGY

ADHESIVES, SEALANTS AND LUBRICANTS
HYDRAULIC HOSES AND FITTINGS

HOSE TECHNOLOGY

INDUSTRIAL HOSES AND FITTINGS

V-BELTS, FLAT BELTS, CONVEYOR BELTS

PROFILE TECHNOLOGY

PLASTICS

HYDRAULIC / PNEUMATIC SEALS
TIMING BELTS AND PULLEYS

If required, we are also pleased to assemble different product elements into individual assemblies.

