



# ***SUPPORTING MATERIAL: WATER AND DRAINAGE***

Supporting material: Water



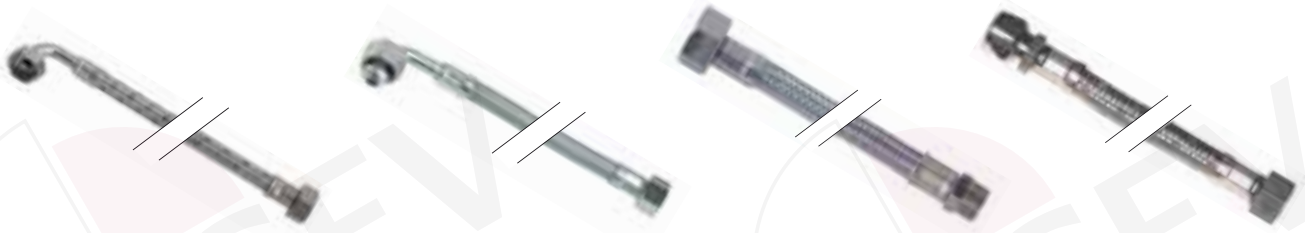
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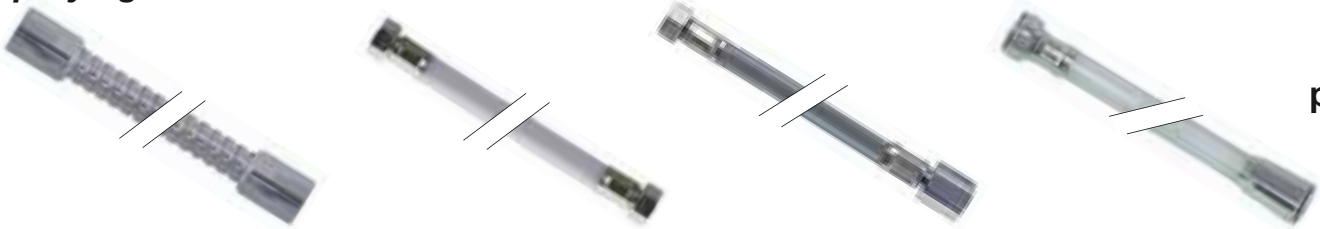
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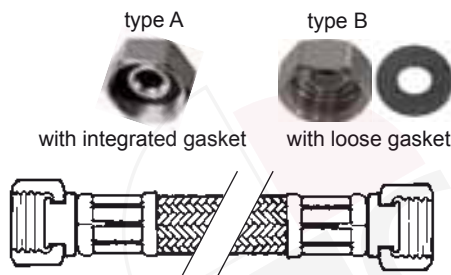


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# Supporting material: Water & drainage materials

## CNS flex hoses

### straight - straight, flat seat

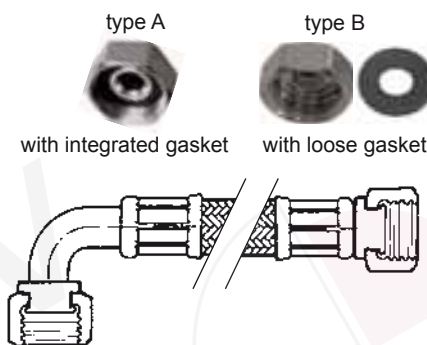


**Technical data:**  
 approvals: DVGW, SVGW, KIWA, CSTBat  
 operating pressure: 10bar  
 test pressure: 32bar  
 burst pressure: 95bar

pos.	order no.	nominal width	connections	gasket	length (mm)
1	520610	DN6	1/8"	type B	300
2	520611	DN6	1/8"	type B	600
3	540265	DN10	3/8"	type B	300
4	540266	DN10	3/8"	type B	500
5	520568	DN10	3/8"	type B	750
6	520567	DN10	3/8"	type B	1000
7	520632	DN10	1/2"	type B	500
8	520612	DN10	1/2"	type B	1000

pos.	order no.	nominal width	connections	gasket	length (mm)
9	520613	DN10	1/2"	type B	1500
10	520633	DN10	1/2"	type B	2000
11	520626	DN12	1/2"	type B	1500
12	520625	DN12	1/2" - 3/4"	type B	1500
13	520635	DN12	3/4"	type B	500
14	520614	DN12	3/4"	type A	1000
15	520615	DN12	3/4"	type A	1500
16	520627	DN12	3/4"	type A	2000

### straight - curved, flat seat



**Technical data:**  
 approvals: DVGW, SVGW, KIWA, CSTBat  
 operating pressure: 10bar  
 test pressure: 32bar  
 burst pressure: 95bar

pos.	order no.	nominal width	connections	gasket	length (mm)
1	520569	DN8	3/8"	type B	370
2	520570	DN8	3/8"	type B	2000
3	520563	DN10	1/2"	type A	1000
4	520564	DN10	1/2"	type B	1500
5	520636	DN10	1/2"	type B	2000
6	520565	DN10	1/2"	type B	2500
7	520005	DN10	3/4"	type A	1500

pos.	order no.	nominal width	connections	gasket	length (mm)
8	520006	DN10	3/4"	type A	2500
9	520629	DN12	3/4"	type B	1000
10	520008	DN12	3/4"	type A	1500
11	520628	DN12	3/4"	type B	2000
12	520009	DN12	3/4"	type A	2500
13	520004	DN15	3/4"	type B	1500
14	520007	DN15	3/4"	type B	2500

## CNS flex hoses for coffee machines

### straight - straight, conical seat



**Technical data:**  
 approvals: DVGW, SVGW, KIWA, CSTBat  
 operating pressure: 10bar  
 test pressure: 32bar  
 burst pressure: 95bar

pos.	order no.	nominal width	connections	length (mm)
1	520616	DN6	1/8"	370
2	520617	DN6	1/8"	1500
3	520572	DN8	3/8"	500
4	520600	DN8	3/8"	750

pos.	order no.	nominal width	connections	length (mm)
5	520601	DN8	3/8"	1000
6	520602	DN8	3/8"	1500
7	520603	DN8	3/8"	2000

Supporting material: Water

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## straight - straight, flat seat and conical seat



with integrated gasket      with loose gasket

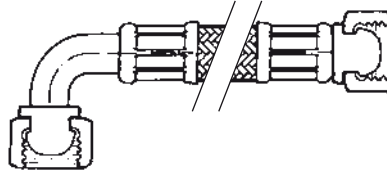
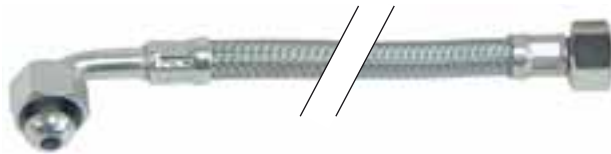
**Technical data:**  
 approvals: DVGW, SVGW, KIWA, CSTBat  
 operating pressure: 10bar  
 test pressure: 32bar  
 burst pressure: 95bar



pos.	order no.	nominal width	connections	gasket	length (mm)
1	520618	DN8	3/8"	type B	300
2	520619	DN8	3/8"	type B	500
3	520620	DN8	3/8"	type B	750

pos.	order no.	nominal width	connections	gasket	length (mm)
4	520621	DN8	3/8"	type B	1000
5	520624	DN8	3/8"	type B	1200
6	520622	DN8	3/8"	type B	1500

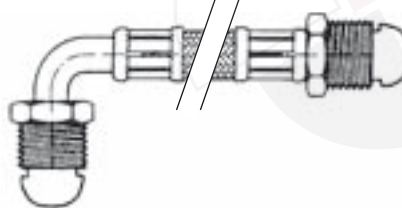
## straight - curved, conical seat



**Technical data:**  
 approvals: DVGW, SVGW, KIWA, CSTBat  
 operating pressure: 10bar  
 test pressure: 32bar  
 burst pressure: 95bar

pos.	order no.	nominal width	connections	length (mm)
1	520604	DN8	3/8"	500
2	520605	DN8	3/8"	1000

pos.	order no.	nominal width	connections	length (mm)
3	520606	DN8	3/8"	1500
4	520607	DN8	3/8"	2000



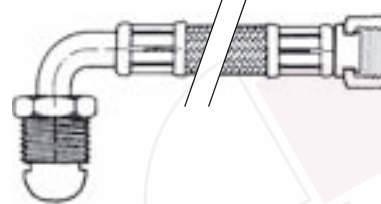
**Technical data:**  
 approvals: DVGW, SVGW, KIWA, CSTBat  
 operating pressure: 10bar  
 test pressure: 32bar  
 burst pressure: 95bar

pos.	order no.	nominal width	connections	length (mm)
1	520623	DN8	3/8"	300

## straight - curved, flat seat and conical seat



with loose gasket

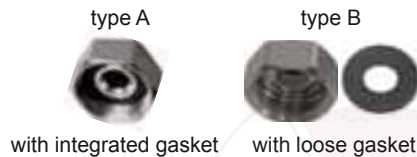


**Technical data:**  
 approvals: DVGW, SVGW, KIWA, CSTBat  
 operating pressure: 10bar  
 test pressure: 32bar  
 burst pressure: 95bar

pos.	order no.	nominal width	connections	gasket	length (mm)
1	520634	DN8	3/8"	type B	500

# Supporting material: Water & drainage materials

## CNS flex hoses for fittings, with internal and external thread



**Technical data:**  
 approvals: DVGW, SVGW, KIWA, CSTBat  
 operating pressure: 10bar  
 test pressure: 32bar  
 burst pressure: 95bar

pos.	order no.	nominal width	ET	ID	gasket	length (mm)
1	520104	DN10	3/8"	1/2"	type B	500
2	520638	DN10	3/8"	1/2"	type B	800

pos.	order no.	nominal width	ET	ID	gasket	length (mm)
3	520643	DN10	3/8"	1/2"	type B	1200



pos.	order no.	nominal width	ET	ID	gasket	length (mm)
1	520639	DN8	M10x1	3/8"	type B	300
2	520105	DN8	M10x1	3/8"	type B	500

pos.	order no.	nominal width	ET	ID	gasket	length (mm)
3	520640	DN8	M10x1	1/2"	type B	300
4	520102	DN8	M10x1	1/2"	type B	500



pos.	order no.	nominal width	ET	ID	gasket	length (mm)
1	520641	DN8	M10x1	3/8"	type B	300
2	520106	DN8	M10x1	3/8"	type B	500

pos.	order no.	nominal width	ET	ID	gasket	length (mm)
3	520642	DN8	M10x1	1/2"	type B	300
4	520103	DN8	M10x1	1/2"	type B	500

## CNS flex hoses for fittings, with internal thread and pipe connection



**Technical data:**  
 approvals: DVGW, SVGW, KIWA, CSTBat  
 operating pressure: 10bar  
 test pressure: 32bar  
 burst pressure: 95bar

pos.	order no.	nominal width	ø pipe connection (mm)	ID	gasket	length (mm)
1	540263	DN8	10	3/8"	type B	300

pos.	order no.	nominal width	ø pipe connection (mm)	ID	gasket	length (mm)
2	540264	DN8	10	3/8"	type B	500

## CNS flex hoses for fittings, with pipe connection and pipe socket



**Technical data:**  
 approvals: DVGW, SVGW, KIWA, CSTBat  
 operating pressure: 10bar  
 test pressure: 32bar  
 burst pressure: 95bar

pos.	order no.	nominal width	ø pipe connection (mm)	ø pipe socket (mm)	length (mm)
1	540261	DN8	10	10	300

pos.	order no.	nominal width	ø pipe connection (mm)	ø pipe socket (mm)	length (mm)
2	540262	DN8	10	10	500

## PVC supply hoses

### straight - curved



**Technical data:**  
 approvals: DVGW, SVGW,  
 KIWA, CSTBat, VDE  
 operating pressure: 10bar  
 test pressure: 32bar  
 temperature: max. 90°C

pos.	order no.	nominal width	connections	gasket	length (mm)
1	520010	DN12	3/4"	type A	1500
2	520011	DN12	3/4"	type A	2000

pos.	order no.	nominal width	connections	gasket	length (mm)
3	520012	DN12	3/4"	type A	2500
4	520013	DN12	3/4"	type A	3000

### straight - straight



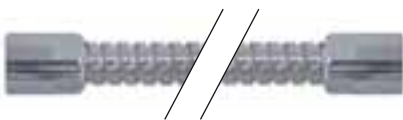
**Technical data:**  
 approvals: DVGW, SVGW,  
 KIWA, CSTBat, VDE  
 operating pressure: 10bar  
 test pressure: 32bar  
 temperature: max. 90°C

pos.	order no.	nominal width	connections	gasket	length (mm)
1	520630	DN12	3/4"	type A	1000

pos.	order no.	nominal width	connections	gasket	length (mm)
2	520631	DN12	3/4"	type A	1500

## hoses for pre-rinse units

### CNS corrugated hoses



**Technical data:**  
 KTW approval  
 operating pressure: 10bar  
 burst pressure: 40bar  
 temperature: max. 90°C

pos.	order no.	connections	length (mm)
1	540292	1/2"	875
2	540066	1/2"	1000
3	541812	1/2"	1075
4	540070	1/2"	1250

pos.	order no.	connections	length (mm)
5	540224	1/2"	1500
6	540230	1/2"	2000
7	540231	1/2"	2500
8	540239	1/2"	3000

### Hytrel® hoses



**Technical data:**  
 KTW approval  
 operating pressure: 10bar  
 burst pressure: 40bar  
 temperature: max. 90°C

pos.	order no.	connections	length (mm)
1	540145	1/2"	950
2	540146	1/2"	1200

pos.	order no.	connections	length (mm)
3	540147	1/2"	2000

### EPDM hoses, CNS braided and PVC coated



**Technical data:**  
 operating pressure: 10bar  
 burst pressure: 50bar  
 temperature: max. 90°C

pos.	order no.	connections	length (mm)
1	540603	1/2"	1000
2	540604	1/2"	1500

pos.	order no.	connections	length (mm)
3	540605	1/2"	2000



**Technical data:**  
 operating pressure: 15bar  
 burst pressure: 40bar  
 temperature: max. 90°C

pos.	order no.	connections	length (mm)
1	540578	1/2"	1000

# Supporting material: Water & drainage materials



**Technical data:**  
 operating pressure: 10bar  
 burst pressure: 90bar  
 temperature: max. 90°C

pos.	order no.	connections	length (mm)
1	548306	½"	1100



**Technical data:**  
 operating pressure: 10bar  
 burst pressure: 90bar  
 temperature: max. 90°C

pos.	order no.	connections	length (mm)
1	548151	½"	850
2	548152	½"	1100



**Technical data:**  
 operating pressure: 10bar  
 burst pressure: 90bar  
 temperature: max. 90°C

pos.	order no.	connections	length (mm)
1	541396	½"	1050
2	542858	½"	1200

## EPDM hoses, nylon braided and PVC coated, with John Guest connector



**Technical data:**  
 operating pressure: 10bar  
 burst pressure: 40bar  
 temperature: max. 70°C

pos.	order no.	connections	length (mm)
1	548155	½"	1000
2	548156	½"	1200

## spraying hoses (not suitable for pre-rinse units)

### corrugated hoses (brass nickled)



**Technical data:**  
 TÜV approval  
 operating pressure: 10bar  
 burst pressure: 115bar  
 temperature: max. 70°C

pos.	order no.	connections	length (mm)
1	540063	½"	1000
2	540064	½"	1250
3	540065	½"	2000

### CNS corrugated hoses

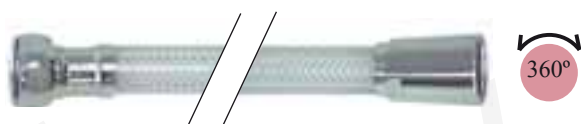


**Technical data:**  
 operating pressure: 10bar  
 burst pressure: 100bar  
 temperature: max. 70°C

pos.	order no.	connections	length (mm)
1	540290	½"	1500
2	540291	½"	2000



## PVC braided hoses



**Technical data:**  
operating pressure: 10bar  
burst pressure: 30bar  
temperature: max. 60°C

pos.	order no.	connections	length (mm)
1	520272	1/2"	1000
2	520277	1/2"	1500
3	520096	1/2"	2000

pos.	order no.	connections	length (mm)
4	520097	1/2"	2200
5	520098	1/2"	2600



**Technical data:**  
operating pressure: 10bar  
burst pressure: 30bar  
temperature: max. 60°C

pos.	order no.	connections	length (mm)
1	540293	1/2"	1000
2	540294	1/2"	1200

pos.	order no.	connections	length (mm)
3	540295	1/2"	1500
4	540297	1/2"	2000

## accessories for spraying hoses

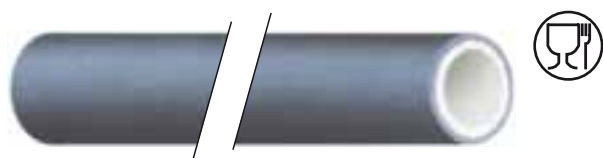


pos.	order no.	description	connections
1	548353	swivel adapter	1/2" ID - 1/2" ET
2	540674	swivel coupling	1/2" ID - 1/2" ET
3	548195	adapter	1/2" ID - 15mm
4	541918	screw connection	1/2" ID - 1/2" ID

pos.	order no.	description	connections
5	520168	screw connection	1/2" ET - 1/2" ET
6	540071	fibre gasket	1/2"
7	520055	rubber gasket	1/2"

## hoses (sold by length)

### GASTROTOP® drinking water hoses

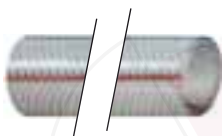


**Technical data:**  
LMBG enable  
operating pressure: 10bar  
burst pressure: 30bar  
temperature: max. 70°C

pos.	order no.	ø inner (mm)	ø outer (mm)	length (m)
1	520100	13	19	5
2	520101	13	19	20
3	520095	13	19	40

pos.	order no.	ø inner (mm)	ø outer (mm)	length (m)
4	520254	19	27	5
5	520255	19	27	20
6	520109	19	27	40

## PVC braided hoses



**Technical data:**  
operating pressure: 10bar  
burst pressure: 30bar  
temperature: max. 60°C

pos.	order no.	ø inner (mm)	ø outer (mm)	length (m)
1	520018	4	10	5
2	570018	4	10	50
3	520019	6	12	5
4	570020	6	12	50

pos.	order no.	ø inner (mm)	ø outer (mm)	length (m)
5	530564	10	16	10
6	570564	10	16	50
7	530565	13	19	10
8	570565	13	19	50

# Supporting material: Water & drainage materials

## PVC beer hoses/ carbonic acid hoses with SK symbol



### Technical data:

operating pressure: 16bar  
burst pressure: 30bar  
temperature: max. 80°C

pos.	order no.	ø inner (mm)	ø outer (mm)	length (m)
1	520030	6	12	10
2	520048	6	12	20
3	570048	6	12	50

pos.	order no.	ø inner (mm)	ø outer (mm)	length (m)
4	520049	8	14	10
5	520144	8	14	20
6	570049	8	14	50

## EPDM supply hoses



### Technical data:

operating pressure: 30bar  
burst pressure: 90bar  
temperature: max. 60°C

pos.	order no.	ø inner (mm)	ø outer (mm)	length (m)
1	520015	10	17	5
2	520014	10	17	40

pos.	order no.	ø inner (mm)	ø outer (mm)	length (m)
3	520017	13	20	5
4	520016	13	20	40

## Niplaflex® universal hoses



### Technical data:

operating pressure: 25bar  
burst pressure: 75bar  
temperature: max. 70°C

pos.	order no.	ø inner (mm)	ø outer (mm)	length (m)
1	530561	10	17	5
2	570561	10	17	40

pos.	order no.	ø inner (mm)	ø outer (mm)	length (m)
3	530562	13	21	5
4	570562	13	21	100

## Goldschlange® supply hoses



### Technical data:

operating pressure: 30bar  
burst pressure: 90bar  
temperature: max. 60°C

pos.	order no.	ø inner (mm)	ø outer (mm)	length (m)
1	530540	13	19,5	5

pos.	order no.	ø inner (mm)	ø outer (mm)	length (m)
2	530538	13	19,5	40

## extraction and pressure hoses



### Technical data:

operating pressure: 10bar  
burst pressure: 30bar  
temperature: max. 80°C

pos.	order no.	ø inner (mm)	ø outer (mm)	length (m)
1	530340	25	35	0,5
2	530440	25	35	1,0
3	530341	28	38	0,5
4	530441	28	38	1,0
5	530342	32	43	0,5
6	530442	38	43	1,0
7	530343	35	46	0,5
8	530443	35	46	1,0
9	530344	38	50	0,5
10	530444	38	50	1,0
11	530345	40	53	0,5
12	530445	40	53	1,0

pos.	order no.	ø inner (mm)	ø outer (mm)	length (m)
13	530346	42	55	0,5
14	530446	42	55	1,0
15	530347	45	59	0,5
16	530447	45	59	1,0
17	530348	48	61	0,5
18	530448	48	61	1,0
19	530349	50	64	0,5
20	530449	50	64	1,0
21	530350	60	74	0,5
22	530450	60	74	1,0
23	530351	63	79	0,5
24	530451	63	79	1,0

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Supporting material: Water

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## hoses for pressure switches

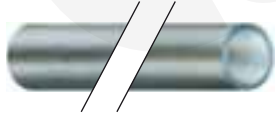


### Technical data:

operating pressure: 30bar  
burst pressure: 90bar  
temperature: max. 60°C

pos.	order no.	ø inner (mm)	ø outer (mm)	length (m)	pos.	order no.	ø inner (mm)	ø outer (mm)	length (m)
1	530563	4	9	5	3	530560	5	10	5
2	570563	4	9	20	4	570560	5	10	20

## PVC hoses, clear-transparent

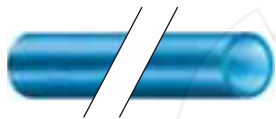


### Technical data:

burst pressure: approx. 4 bar  
temperature: max. 200°C

pos.	order no.	ø inner (mm)	ø outer (mm)	length (m)	pos.	order no.	ø inner (mm)	ø outer (mm)	length (m)
1	520090	4	6	2	9	520278	6	8	2
2	520026	4	6	10	10	520028	6	8	10
3	570026	4	6	100	11	570028	6	8	100
4	520027	4	7	10	12	520279	6	9	2
5	570027	4	7	100	13	520029	6	9	10
6	520380	5	7	2	14	570029	6	9	100
7	520046	5	7	10	15	520022	8	12	10
8	570046	5	7	100	16	570022	8	12	100

## PVC hoses, blue



### Technical data:

burst pressure: approx. 4 bar  
temperature: max. 200°C

pos.	order no.	ø inner (mm)	ø outer (mm)	length (m)	pos.	order no.	ø inner (mm)	ø outer (mm)	length (m)
1	520383	4	6	2	4	520382	5	8	10
2	520384	4	6	10	5	570381	5	8	100
3	520381	5	8	2					

## nylon hoses, clear-transparent



### Technical data:

operating pressure: 10bar  
burst pressure: 50bar  
temperature: max. 100°C

pos.	order no.	ø inner (mm)	ø outer (mm)	length (m)	pos.	order no.	ø inner (mm)	ø outer (mm)	length (m)
1	520091	4	6	2	5	520253	6	8	50
2	520031	4	6	5	6	530566	8	10	5
3	520251	4	6	50	7	570566	8	10	50
4	520252	6	8	5					

## nylon hoses, blue



### Technical data:

operating pressure: 10bar  
burst pressure: 50bar  
temperature: max. 100°C

pos.	order no.	ø inner (mm)	ø outer (mm)	length (m)	pos.	order no.	ø inner (mm)	ø outer (mm)	length (m)
1	520032	4	6	5	2	570025	4	6	50

## silicone hoses without reinforcement



### Technical data:

operating pressure: without pressure  
burst pressure: non defined  
temperature: max. 200°C

pos.	order no.	ø inner (mm)	ø outer (mm)	length (m)
1	530550	6	10	5
2	570550	6	10	100
3	530552	8	14	5

pos.	order no.	ø inner (mm)	ø outer (mm)	length (m)
4	570552	8	14	25
5	530555	12	18	5
6	570555	12	18	25

## silicone hoses monofil braided, clear-transparent with layer



### Technical data:

operating pressure: 4 bar  
burst pressure: non defined  
temperature: max. 200°C

pos.	order no.	ø inner (mm)	ø outer (mm)	length (m)
1	530542	10	17	5

pos.	order no.	ø inner (mm)	ø outer (mm)	length (m)
2	570542	10	17	50

## silicone hoses monofil braided, white with layer



### Technical data:

operating pressure: 4 bar  
burst pressure: 26 bar at 95°C  
14 bar at 130°C  
temperature: max. 200°C

pos.	order no.	ø inner (mm)	ø outer (mm)	length (m)
1	520025	12	19	5

pos.	order no.	ø inner (mm)	ø outer (mm)	length (m)
2	570125	12	19	25

## silicone hoses glass fibre braided, white with layer



### Technical data:

operating pressure: 4 bar  
burst pressure: 26 bar at 95°C  
14 bar at 130°C  
temperature: max. 200°C

pos.	order no.	ø inner (mm)	ø outer (mm)	length (m)
1	520023	6	12	5
2	570023	6	12	25

pos.	order no.	ø inner (mm)	ø outer (mm)	length (m)
3	520024	9,5	17	5
4	570024	9,5	17	25

## silicone hoses for peristaltic pump



### Technical data:

temperature: max. 200°C  
hardness: 55° Shore A

pos.	order no.	ø inner (mm)	ø outer (mm)	length (m)
1	361601	2,0	5,2	5
2	570601	2,0	5,2	100
3	361602	2,5	5,7	5
4	570602	2,5	5,7	100
5	361603	3,0	5,0	5
6	570603	3,0	5,0	100
7	361604	3,0	6,0	5
8	570604	3,0	6,0	100
9	361605	3,0	7,0	5
10	570605	3,0	7,0	100

pos.	order no.	ø inner (mm)	ø outer (mm)	length (m)
11	520242	4,0	7,0	5
12	570606	4,0	7,0	100
13	361607	4,0	7,2	5
14	570607	4,0	7,2	100
15	361608	4,0	8,0	5
16	570608	4,0	8,0	100
17	361609	5,0	8,0	5
18	570609	5,0	8,0	100
19	361610	5,0	9,0	5
20	570610	5,0	9,0	100

## Santoprene® hoses for peristaltic pumps



**Technical data:**  
 temperature: max. 135°C  
 hardness: 65° +/- 5° Shore A

pos.	order no.	ø inner (mm)	ø outer (mm)	length (m)
1	361631	2,4	5,6	5
2	361632	3,0	5,0	5
3	361633	3,2	6,4	5
4	361634	4,0	6,0	5
5	361635	4,0	7,0	5

pos.	order no.	ø inner (mm)	ø outer (mm)	length (m)
6	361636	4,0	8,0	5
7	361637	5,0	8,0	5
8	361638	6,0	9,0	5
9	361639	6,0	10,0	5
10	361640	7,0	10,0	5

## couplings



item	order no.	description	type	connection
1	540484	plug brass chromium-plated	DN13	½" ET
1	540485	plug brass chromium-plated	DN13	¾" ET
2	540486	plug brass chromium-plated	DN13	½" ID
2	540487	plug brass chromium-plated	DN13	¾" ID
3	540515	plug brass chromium-plated	DN13	½" hose (13mm)

item	order no.	description	type	connection
4	540516	bush brass chromium-plated	DN13	½" ID
4	540640	bush brass chromium-plated	DN13	¾" ID
5	540641	bush brass chromium-plated	DN13	½" ET
5	540642	bush brass chromium-plated	DN13	¾" ET
6	540485	bush brass chromium-plated	DN13	½" hose (13mm)
6	540643	bush brass chromium-plated	DN13	¾" hose (19mm)



item	order no.	description	type	connection
1	540519	plug brass chromium-plated	DN19	½" ET
2	540518	plug brass chromium-plated	DN19	¾" hose

item	order no.	description	type	connection
3	540519	bush brass chromium-plated	DN19	¾" ID
4	540489	bush brass chromium-plated	DN19	¾" hose



item	order no.	description	type	connection
1	540520	plug CNS	DN13	⅜" ET
1	540521	plug CNS	DN13	½" ET
2	540522	plug CNS	DN13	½" ID

item	order no.	description	type	connection
3	540479	bush CNS	DN13	½" ID
4	540523	bush CNS	DN13	½" ET

## hose accessories

### hose couplings brass



item	order no.	ø hose (mm)	connection
1	361170	4x1	⅛"
1	361171	4x1	¼"
1	361172	4x1	⅜"
1	361500	6x1	⅛"
1	361501	6x1	¼"
1	361502	6x1	⅜"
2	361173	4x1	⅛"
2	361174	4x1	¼"

item	order no.	ø hose (mm)	connection
2	361175	4x1	⅜"
2	361503	6x1	⅛"
2	361504	6x1	¼"
2	361505	6x1	⅜"
3	361178	4x1	⅛"
3	361179	4x1	¼"
3	361506	6x1	⅛"
3	361507	6x1	¼"

# Supporting material: Water & drainage materials



item	order no.	ø hose (mm)	edition
1	361176	4x1	straight
1	361508	6x1	straight
2	361177	4x1	pass

item	order no.	ø hose (mm)	edition
2	361509	6x1	pass
3	361180	4x1	elbow
3	361510	6x1	elbow

## hose couplings plastic



item	order no.	ø hose (mm)	connection
1	361090	4x1	M10x1
1	361091	6x1	M10x1
2	361092	4x1	M10x1
2	361093	6x1	M10x1

item	order no.	ø hose (mm)	edition
3	361094	4x1-4x1	straight
3	361095	6x1-6x1	straight
3	361096	4x1-6x1	straight



item	order no.	Qty	ø hose (mm)	connection
1	520050	1	10	3/4" ET
2	520056	5	11	3/4" ID
2	520057	5	13	3/4" ID

item	order no.	Qty	ø hose (mm)	connection
3	520058	5	11	3/4" ID
3	520059	5	13	3/4" ID



item	order no.	Qty	description	connection
1	520051	1	elbow screw joint	3/4"
2	520052	1	Y-screw connection	3/4"
3	520063	5	double nipple	1/2"
3	520064	5	double nipple	3/4"

item	order no.	Qty	description	connection
4	520053	10	rubber gasket with filter	3/4"
5	521138	10	rubber gasket	3/8"
5	520055	10	rubber gasket	1/2"
5	520054	10	rubber gasket	3/4"

Supporting material: Water

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**14** Order before 15:00h and we will dispatch your spares the same day



pos.	order no.	ø hose (mm)	connection
1	361099	4	M10x1
1	361688	4	1/8"
1	361689	4	1/4"
1	361100	6	M10x1
1	361690	6	1/8"
1	361691	6	1/4"
1	361692	6	3/8"
1	361693	8	M10x1
1	361694	8	1/8"
1	361695	8	1/4"
1	361696	8	3/8"
1	361697	8	1/2"
1	361698	12	3/8"
1	361750	12	1/2"
1	506052	12	3/4"
1	361751	19	3/4"

pos.	order no.	ø hose (mm)	connection
2	361101	4	M10x1
2	361752	4	1/8"
2	361753	4	1/4"
2	361102	6	M10x1
2	361754	6	1/8"
2	361755	6	1/4"
2	361756	6	3/8"
2	361757	8	M10x1
2	361758	8	1/8"
2	361759	8	1/4"
2	361760	8	3/8"
2	361761	8	1/2"
2	519277	10	1/4"
2	506125	12	3/8"
2	361686	12	1/2"
2	361762	19	3/4"

## hose couplings brass chromium-plated



pos.	order no.	ø hose (mm)	connection
1	520195	7	1/8" ET
2	520196	7	1/4" ET
3	520197	8	1/8" ET
4	520198	9	1/8" ET
5	520199	9	1/4" ET
6	520200	9	3/8" ET

pos.	order no.	ø hose (mm)	connection
7	520201	12	1/4" ET
8	520202	12	3/8" ET
9	520203	12	1/2" ET
10	520204	17	3/8" ET
11	520205	17	1/2" ET
12	520206	19	3/4" ET

## hose couplings brass



item	order no.	ø hose (mm)	connection
1	511278	6	M8 ET
1	520677	12	3/8" ET
1	511279	13	3/8" ET
1	540473	13	1/2" ET
1	540474	19	3/4" ET

item	order no.	ø hose (mm)	connection
2	540510	13	3/4" ID
2	540511	19	3/4" ID
3	512058	10	1/4" ID

# Supporting material: Water & drainage materials

## hose couplings CNS



pos.	order no.	ø hose (mm)	connection
1	501005	13	M14x1 ET
1	540475	13	½" ET
1	501121	19	½" ET
1	540476	19	¾" ET
2	540512	13	½" ID
3	540513	13	½" ID

pos.	order no.	ø hose (mm)	connection
3	540645	19	½" ID
4	542955	13	½" ID
5	540477	13	½" ET
5	540478	19	½" ET
6	542956	13	½" ET
6	542957	19	½" ET

## hose connectors, plastic



pos.	order no.	edition	ø hoses (mm)
1	361494	2-way	4-4
1	361497	2-way	4-6
1	361498	2-way	4-8
1	361495	2-way	6-6
1	361499	2-way	6-8
1	361496	2-way	8-8
1	361679	2-way	10-10
1	361680	2-way	12-12
1	361681	2-way	13-13
1	361682	2-way	19-19
2	361683	2-way	10-10
2	361684	2-way	12-12
2	501212	2-way	13-13
2	361685	2-way	19-19
3	507174	3-way	4-4-4
3	361490	3-way	10-8-10

pos.	order no.	edition	ø hoses (mm)
3	518347	3-way	10-10-10
3	361491	3-way	12-6-12
3	516082	3-way	12-7-12
3	361492	3-way	12-8-12
3	519216	3-way	12-12-12
3	510842	3-way	13-13-13
3	695187	3-way	17-17-17
3	695343	3-way	19-19-19
4	517166	3-way	10-10-10
4	501040	3-way	13-13-13
4	501211	3-way	19-19-19
5	507104	3-way	13-13-13
6	361687	4 ways	12-12-12-12
6	508241*	4 ways	12-12-12-12
7	511274	4 ways	12-12-12-12
7	507105	4 ways	13-13-13-13

\* 1-way closed

## hose connectors, brass or CNS



pos.	order no.	edition	ø hose (mm)
1	540498	2-way brass	13-13
1	540499	2-way brass	19,19
2	524187	3-way CNS	11-11-11
3	504206	3-way CNS	11-11-11

pos.	order no.	edition	ø hose (mm)
4	504582	4 ways CNS	11-11-11-11
4	504202	4 ways CNS	12-12-12-12
5	524186	4 ways CNS	12-12-12-12

3

Supporting material: Water

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## hose clamps



item	order no.	Qty	grip surface (mm)	material	tape (mm)
1	520110	10	8-12	W2	9
1	520111	10	10-16	W2	9
1	520112	10	12-20	W2	9
1	520113	10	16-25	W2	9
1	520114	10	20-32	W2	9
1	520115	10	25-40	W2	9
1	520116	5	32-50	W2	9
1	520117	5	40-60	W2	9
1	520118	5	50-70	W2	9
1	520119	5	60-80	W2	9
2	520120	1	12-20	W4	9
2	520121	1	16-25	W4	9
3	520065	5	5-10	CNS/brass	10
3	520066	5	7-12	CNS/brass	10
3	520067	5	9-14	CNS/brass	10
3	520068	5	12-17	CNS/brass	11
3	520069	5	14-19	CNS/brass	11
3	520070	5	16-21	CNS/brass	11

item	order no.	Qty	grip surface (mm)	material	tape (mm)
3	520071	5	17-22	CNS/brass	11
3	520073	5	20-25	CNS/brass	11
3	520074	5	22-27	CNS/brass	11
3	520075	5	24-29	CNS/brass	11
3	520076	5	25-30	CNS/brass	11
3	520077	5	28-33	CNS/brass	11
4	520084	1	5-10	W4	10
4	520078	1	7-12	W4	10
4	520079	1	9-14	W4	10
4	520080	1	12-17	W4	11
4	520081	1	14-19	W4	11
4	520082	1	16-21	W4	11
4	520083	1	17-22	W4	11
4	520085	1	20-25	W4	11
4	520086	1	22-27	W4	11
4	520087	1	24-29	W4	11
4	520088	1	25-30	W4	11
4	520089	1	28-33	W4	11

## hose clamps kit and hose clamp assortment



item	order no.	description
1	520127	hose clamps kit, 9 parts (tape 3m and 8 locks)



item	order no.	description
2	401067	hose clamp assortment and hose clamps kit (520127) assortment consists of 58 parts (12 clips 8-80mm) and the hose clamps kit consists of 9 parts (tape 3m and 8 locks)

## inline particle filters



item	order no.	edition	connections	overall length (mm)
1	510836	plastic	3/4"	77

item	order no.	edition	connections	overall length (mm)
2	504586	plastic	3/4"	108



item	order no.	edition	connections	overall length (mm)
1	520129*	plastic, with union nut	3/4"	87
2	520146*	plastic, with union nut	3/4"	122

item	order no.	edition	connections	overall length (mm)
3	504585	plastic, with union nut	3/4"	122

\*product: Müller Made in Germany



item	order no.	edition	connections	overall length (mm)
1	520260	brass	3/8"	65
1	520261	brass	1/2"	65
1	520262	brass	3/4"	75
1	520263	brass	1"	90

item	order no.	edition	connections	overall length (mm)
1	520264	brass	1 1/4"	110
2	530178	brass	3/8"	67
2	530179	brass	1/2"	68

## pressure reduction valves



item	order no.	connections	overall length (mm)
1	520271	1/2" ID	53
2	520298	1/2" ID	70
3	520265	1/2" ET	152
3	520266	3/4"	171

item	order no.	connections	overall length (mm)
3	520267	1"	175
4	520093	3/4"	178
5	520270	manometer	

## non return valves



pos.	order no.	connection
1	543266	3/8" ID
1	520273	1/2" ID
1	520274	3/4" ID
1	520275	1" ID
1	520276	1 1/4" ID

pos.	order no.	connection
2	543260	3/8" ID/ET
2	543261	1/2" ID/ET
2	543262	3/4" ID/ET
3	543263	3/8" ET
3	543264	1/2" ET
3	543265	3/4" ET

## drain hoses

### plain lengths and end connectors

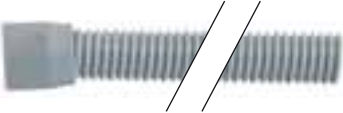
Technical data:  
temperature: max 100°C



item	order no.	ø inner (mm)	ø outer (mm)	length (m)
1	520020	19	26	5
1	570120	19	26	15
1	520021	22	29	5
1	570021	22	29	15

item	order no.	ø for hose inner (mm)	ø end connector inner (mm)
2	520040	19	19
2	520041	19	22
2	520043	19	28
2	520042	22	22

### drain hoses with 1 end connector straight



pos.	order no.	end connector (mm)		hose (mm)		length (m)
		ø inner	ø outer	ø inner	ø outer	
1	524257	28	35	20	25	1,7
2	508043	21	28	19	25	2,0
		28	33			

pos.	order no.	end connector (mm)		hose (mm)		length (m)
		ø inner	ø outer	ø inner	ø outer	
3	530587	33	40	28	35	2,0
4	530615	56	65	40	48	1,0

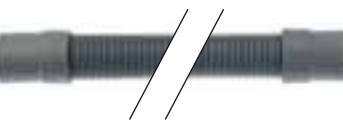
### drain hoses with 1 end connector curved



pos.	order no.	end connector (mm)		hose (mm)		length (m)
		ø inner	ø outer	ø inner	ø outer	
1	505081	31	40	25	31	1,5
2	530568	40	47	25	32	2,0

pos.	order no.	end connector (mm)		hose (mm)		length (m)
		ø inner	ø outer	ø inner	ø outer	
3	505082	48	57	25	31	1,5
4	518068	50	59	34	42	2,0

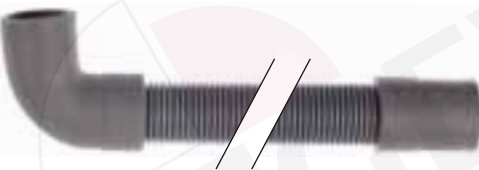
### drain hoses with 2 straight end connectors



pos.	order no.	end connectors (mm)		ø hose outer (mm)	length (mm)
		ø inner	ø outer		
1	530723	19	27	24	135
2	530724	19	27	24	180
3	530725	19	27	24	210
4	530728	19	27	24	270

pos.	order no.	end connectors (mm)		ø hose outer (mm)	length (mm)
		ø inner	ø outer		
5	530727	19	27	24	280
6	530726	19	27	24	290
7	530729	19	27	24	375
8	518219	21	29	24	630

### drain hoses with 2 end connectors curved and straight

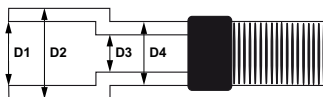


pos.	order no.	end connector curved (mm)		end connector straight (mm)		ø hose outer (mm)	length (mm)
		ø inner	ø outer	ø inner	ø outer		
1	530722	21	28	19	27	24	180

pos.	order no.	end connector curved (mm)		end connector straight (mm)		ø hose outer (mm)	length (mm)
		ø inner	ø outer	ø inner	ø outer		
2	518515	52	60	35	41	40	260

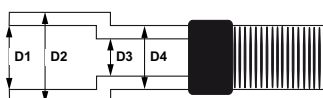
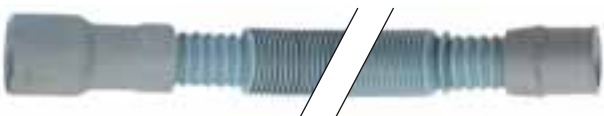
# Supporting material: Water & drainage materials

## drain hoses with 2 straight end connectors



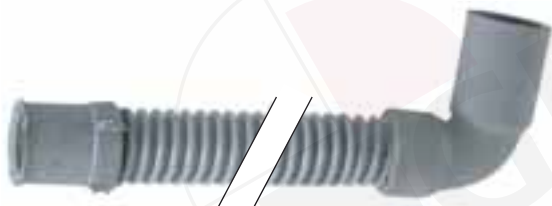
pos.	order no.	left connector (mm)		right connector (mm)		ø hose outer (mm)	length (m)	pos.	order no.	left connector (mm)		right connector (mm)		ø hose outer (mm)	length (m)
		ø inner (D1/D3)	ø outer (D2/D4)	ø inner	ø outer					ø inner	ø outer	ø inner	ø outer		
1	530570	21/28	28/33	21	28	25	2,0	7	511205	23	28	29	34	25	1,5
2	530631	21/28	28/33	21	28	25	2,5	8	507207	24	28	24	28	28	1,5
3	530632	21/28	28/33	21	28	25	3,5	9	513051	25	31	25	31	32	2,0
4	507329	19	24	21	28	24	1,5	10	507211	33	40	33	40	35	1,5
5	501136	19	24	21	28	24	2,5	11	530574	31	35	41	45	38	2,0
6	518518	21	28	29	35	25	1,5	12	530575	35	42	41	48	41	1,0

## drain hoses with 2 straight end connectors (extendable)



pos.	order no.	left connector (mm)		end connector 2 (mm)		ø hose outer (mm)	length (m)	pos.	order no.	end connector 1 (mm)		end connector 2 (mm)		ø hose outer (mm)	length (m)
		ø inner (D1/D3)	ø outer (D2/D4)	ø inner	ø outer					ø inner (D1/D3)	ø outer (D2/D4)	ø inner	ø outer		
1	530640	21/28	28/33	21	28	29	0,75 - 2,0	2	530612	21/28	28/33	21	28	29	1,35 - 4,0

## drain hoses with 1 straight and 1 curved end connector



pos.	order no.	end connector straight (mm)		end connector curved (mm)		ø hose outer (mm)	length (m)	pos.	order no.	end connector straight (mm)		end connector curved (mm)		ø hose outer (mm)	length (m)
		ø inner	ø outer	ø inner	ø outer					ø inner	ø outer	ø inner	ø outer		
1	506207	19	26	21	28	25	1,5	4	530572	24	29	29	34	29	2,0
2	505084	21	28	22	28	27	2,0	5	506208	25	30	42	48	31	1,5
3	530571	24	29	29	34	29	1,5	6	519272	31	35	42	48	38	1,5

## drain hoses with wire reinforcement (metal coil)



pos.	order no.	ø inner (mm)	ø outer (mm)	length (m)	pos.	order no.	ø inner (mm)	ø outer (mm)	length (m)
1	520034	12	18	30	5	520037	18	25	30
2	520035	14	20	30	6	520038	20	27	30
3	520072	16	21	5	7	506074	31	41	1
4	520036	16	21	30					

8

Supporting material: Water

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## drain system kit, 21-piece

kit content (for additional items see bottom of page)

Hose extendable, wire reinforced,  
all sides workable and inherently stable !



item	order no.	content	item	order no.	content
------	-----------	---------	------	-----------	---------



515074 6 piece



515073 3 piece



515076 3 piece



515072 6 piece



515079 1 piece



515077 1 piece

item	order no.	content
------	-----------	---------



515070 1 piece

item	order no.	description
1	401018	drain system kit

## hoses and connecting pieces



1



2



3



4



5

item	order no.	description	ø outer (mm)	Qty (piece)
1	515070	hose 3-5,5m (flexible)	30	1
2	515074	connecting piece straight	32	4
2	515075	connecting piece straight	36,5	4
2	515076	connecting piece straight	40	4
3	515079	connecting piece elbow	32	4

item	order no.	description	thread	Qty (piece)
4	515071	connecting piece straight	1"	4
4	515072	connecting piece straight	1 ¼"	4
4	515073	connecting piece straight	1 ½"	4
5	515077	connecting piece elbow	1 ¼"	4
5	515078	connecting piece elbow	1 ½"	4

## drain hoses Easyflex



pos.	order no.	ø inner (mm)	ø outer (mm)	connection	length (m)
1	515081	35	40	1 ½"	400

pos.	order no.	ø inner (mm)	ø outer (mm)	connection	length (m)
2	515082	35	40	1 ½"	750

# Supporting material: Water & drainage materials

## drain fittings and accessories



item	order no.	edition
1	515001	1½", single outlet ø 40/50mm
2	515008	1½", single outlet ø 40mm
2	515009	1½", single outlet ø 50mm

item	order no.	edition
3	515007	funnel outflow ø 50mm
4	515015	1½", single outlet flexible ø 40mm
5	515011	1½", single outlet space-saving ø 40mm, height 80mm



item	order no.	edition
1	515004	1½", double outlet ø 40mm, outflow distance max. 630mm
1	515005	1½", double outlet ø 50mm, outflow distance max. 630mm
2	515002	1½", double outlet ø 40mm, outflow distance max. 260mm
2	515003	1½", double outlet ø 50mm, outflow distance max. 260mm
3	515110	hose connector 260mm, ø 40mm

item	order no.	edition
4	515032	funnel ø 40mm
5	515012	1½" spacer 200mm ø 40mm
6	515013	1½" spacer 160mm ø 40mm
7	515010	drain seating with overflow



item	order no.	description
1	515014	1½" spacer 100mm ø 40mm
2	520045	device connection double
3	520044	device connection single
4	515102	reducer plastic 1¼" ID - 1" ET
4	515103	reducer plastic 1½" ID - 1¼" ET

item	order no.	description
5	515104	reducer plastic 2" ID - 1½" ET
6	515038	reducer metal 1¼" ID - 1" ET
6	515039	reducer metal 1½" ID - 1¼" ET
7	515121	drain fitting 1½", double
8	515121	drain fitting 1½", single

3

Supporting material: Water

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1



2



3



4



5



6

item	order no.	description
1	515033	drain elbow brass 1" ø 26mm
1	515034	drain elbow brass 1 1/4" ø 32mm
1	515035	drain elbow brass 1 1/2" ø 40mm
2	515093	drain elbow 1 1/4" ø 32mm
2	515094	drain elbow 1 1/2" ø 40mm
3	515036	drain elbow 1 1/4" ø 40mm
3	515037	drain elbow 1 1/2" ø 40mm

item	order no.	description
4	515095	drain elbow 1 1/4" ø 40/50mm
4	515096	drain elbow 1 1/2" ø 40/50mm
5	515097	drain seating connection 1 1/4" ø 32mm
5	515098	drain seating connection 1 1/2" ø 40mm
6	515099	drain seating connection 1 1/4" ø 32mm
6	515100	drain seating connection 1 1/2" ø 40 mm



1



2



3

item	order no.	description	ø inner (mm)	ø outer (mm)
1	515083	pipe thread HT	40	50
2	515084	pipe thread HT	25 - 32	50

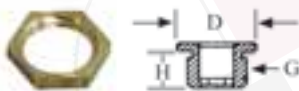
item	order no.	description	ø inner (mm)	ø outer (mm)
3	515085	pipe thread HT	25 - 32	40

## drain seatings and upstands

### drain seatings 1/2"



1



2



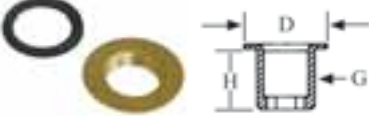
item	order no.	description	G	H (mm)	D (mm)
1	515040	drain seating brass chromium-plated	1/2"	13	28

item	order no.	description	G	H (mm)	D (mm)
2	515044	drain seating brass chromium-plated	1/2"	19	28

### drain seatings 3/4"

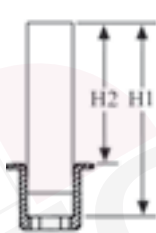


1



pos.	order no.	description	G	H (mm)	D (mm)
1	515041	drain seating brass chromium-plated	3/4"	30	38

### stand pipes for drain seatings 3/4"



pos.	order no.	description	ø outer (mm)	H1 (mm)	H2 (mm)
1	515047	stand pipe with o-ring	20	54	28
2	515048	stand pipe with o-ring	20	74	48

pos.	order no.	description	ø outer (mm)	H1 (mm)	H2 (mm)
3	515049	stand pipe with o-ring	20	94	68
4	515050	stand pipe with o-ring	20	124	98

## drain seatings 1 1/4"



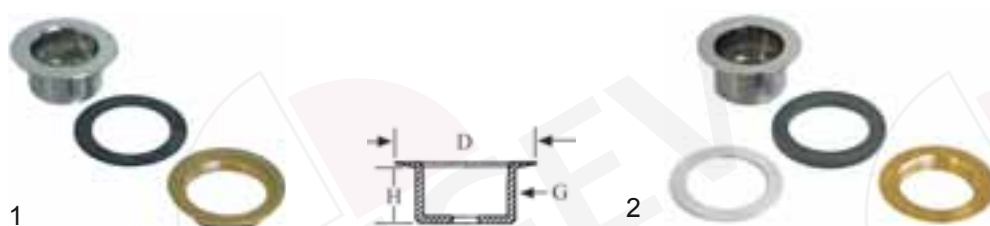
pos.	order no.	description	G	H (mm)	D (mm)
1	540277	drain seating brass chromium-plated	1 1/4"	36	59

## stand pipes for drain seatings 1 1/4"



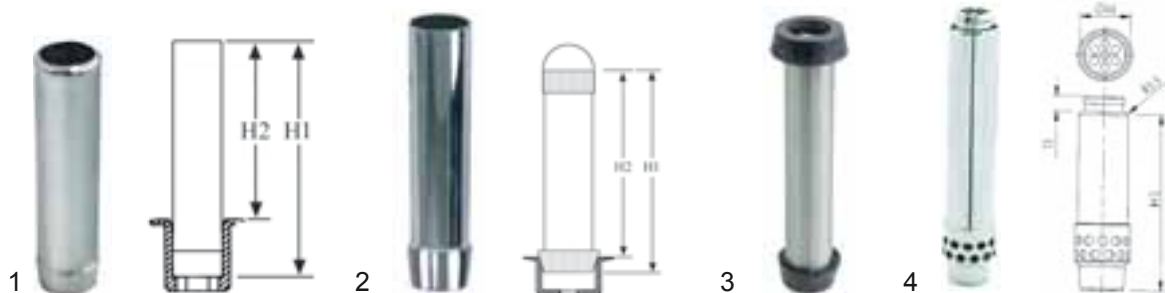
pos.	order no.	description	ø outer (mm)	H1 (mm)	H2 (mm)
1	540279	stand pipe CNS with rubber cone	30	180	165
2	540280	stand pipe CNS with rubber cone	30	215	200
3	540281	stand pipe CNS with rubber cone	30	275	260

## drain seatings 1 1/2"



item	order no.	description	G	D (mm)	H (mm)
1	515042	drain seating brass chromium-plated	1 1/2"	68	33
2	515045	drain seating brass chromium-plated	1 1/2"	69	40

## stand pipes for drain seating 1 1/2"



item	order no.	description	ø outer (mm)	H1 (mm)	H2 (mm)
1	515051	stand pipe CNS	40	185	170
1	515052	stand pipe CNS	40	230	215
1	515053	stand pipe CNS	40	270	260
1	515054	stand pipe CNS	40	315	300
2	515029	stand pipe brass chromium-plated	40	220	215
2	515031	stand pipe brass chromium-plated	40	255	250
2	515030	stand pipe brass chromium-plated	40	320	315
3	540279	stand pipe CNS with rubber cone	30	180	170
3	540280	stand pipe CNS with rubber cone	30	215	205
3	540281	stand pipe CNS with rubber cone	30	275	265
4	515062	stand pipe brass chromium-plated, with filter	45	180	-
4	515063	stand pipe brass chromium-plated, with filter	45	230	-
4	515064	stand pipe brass chromium-plated, with filter	45	280	-



## drain seatings 2"



item	order no.	description	G	D (mm)	ø outer (mm)	H (mm)
1	515043	drain seating brass chromium-plated	2"	50	74	33

## stand pipes for drain seatings 2"



item	order no.	description	ø outer (mm)	H1 (mm)	H2 (mm)
1	515055	stand pipe CNS	50	180	155
1	515056	stand pipe CNS	50	230	205
1	515057	stand pipe CNS	50	270	250
1	515058	stand pipe CNS	50	320	295

item	order no.	description	ø outer (mm)	H1 (mm)
2	515065	stand pipe brass chromium-plated with filter	46	180
2	515066	stand pipe brass chromium-plated with filter	46	230
2	515067	stand pipe brass chromium-plated with filter	46	280

## fittings

### double nipple

brass chromium-plated



1

brass



2

item	order no.	description	ET	ET
1	520160	double nipple	1/8"	1/8"
1	520163	double nipple	1/4"	1/4"
1	520166	double nipple	3/8"	3/8"
1	520168	double nipple	1/2"	1/2"
1	520169	double nipple	3/4"	3/4"
1	520171	double nipple	1"	1"

item	order no.	description	ET	ET
2	520161	reducing nipple	1/8"	1/4"
2	520162	reducing nipple	1/8"	3/8"
2	520164	reducing nipple	1/4"	3/8"
2	520165	reducing nipple	1/4"	1/2"
2	520167	reducing nipple	3/8"	1/2"
2	520218	reducing nipple	3/8"	3/4"
2	520208	reducing nipple	1/2"	3/4"
2	520170	reducing nipple	1"	3/4"

## sleeves



pos.	order no.	description	ID	ID
1	520172	sleeve	1/8"	1/8"
2	520173	sleeve	1/4"	1/4"
3	520174	sleeve	3/8"	3/8"
4	520175	sleeve	1/2"	1/2"
5	520176	sleeve	3/4"	3/4"

pos.	order no.	description	ID	ID
6	520207	reducing bush	1/8"	1/4"
7	520191	reducing bush	1/8"	3/8"
8	520192	reducing bush	1/4"	3/8"
9	520193	reducing bush	1/4"	1/2"
10	520194	reducing bush	3/8"	1/2"

# Supporting material: Water & drainage materials



item	order no.	description	ET	ID
1	520177	reducer	1/4"	1/8"
1	520178	reducer	3/8"	1/8"
1	520179	reducer	3/8"	1/4"
1	520180	reducer	1/2"	1/4"
1	520181	reducer	1/2"	3/8"
1	520209	reducer	3/4"	3/8"
1	520182	reducer	3/4"	1/2"
1	520183	reducer	1"	3/4"

item	order no.	description	ET	ID
2	520184	extension	1/8"	1/8"
2	520185	reducer	1/8"	1/4"
2	520186	extension	1/4"	1/4"
2	520187	reducer	1/4"	3/8"
2	520188	extension	3/8"	3/8"
2	520189	reducer	3/8"	1/2"
2	520190	extension	1/2"	1/2"

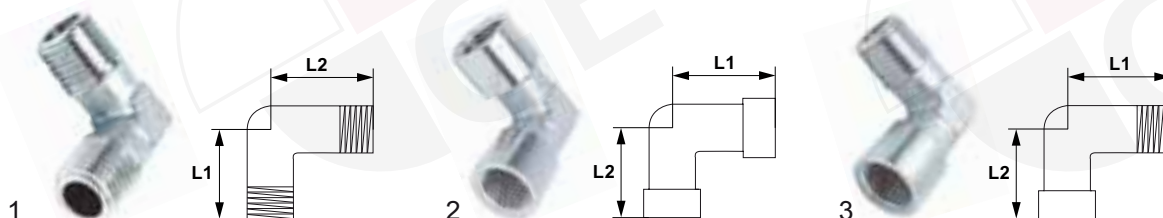
## hose barb to male fittings



pos.	order no.	description	ET	ø hose (mm)
1	520195	screw-in socket	1/8"	7
2	520196	screw-in socket	1/4"	7
3	520197	screw-in socket	1/8"	8
4	520198	screw-in socket	1/8"	9
5	520199	screw-in socket	1/4"	9
6	520200	screw-in socket	3/8"	9
7	520201	screw-in socket	1/4"	12

pos.	order no.	description	ET	ø hose (mm)
8	520202	screw-in socket	3/8"	12
9	520203	screw-in socket	1/2"	12
10	520204	screw-in socket	3/8"	17
11	520205	screw-in socket	1/2"	17
12	540644	screw-in socket	1/2"	19
13	520206	screw-in socket	3/4"	19

## angle pieces



item	order no.	connections	overall lengths L1/ L2 (mm)
1	520816	1/8"	18/ 18
1	520817	1/4"	24/ 24
1	520818	3/8"	27/ 27
1	520819	1/2"	29,5/ 29,5
2	520820	1/8"	21/ 21
2	520821	1/4"	25,5/ 25,5

item	order no.	connections	overall lengths L1/ L2 (mm)
2	520822	3/8"	28/ 28
2	520823	1/2"	32/ 32
3	520824	1/8"	21/ 18,5
3	520825	1/4"	25,5/ 24
3	520826	3/8"	28/ 27
3	520827	1/2"	32/ 29,5

## x-pieces



item	order no.	connections	overall lengths L1/ L2 (mm)
1	520828	1/8"	39/ 39
1	520829	1/4"	49/ 49
1	520830	3/8"	56/ 56
1	520831	1/2"	64/ 64

item	order no.	connections	overall lengths L1/ L2 (mm)
2	520832	1/8"	39/ 37
2	520833	1/4"	49/ 48,5
2	520834	3/8"	56/ 54
2	520835	1/2"	64/ 61

Supporting material: Water

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## t-pieces



pos.	order no.	connections	overall length (mm)	pos.	order no.	connections	overall length (mm)
1	520385	1/8"	39	4	520804	1/8"	37
1	520340	1/4"	46	4	520805	1/4"	47,5
1	520341	3/8"	51,5	4	520806	3/8"	52,5
1	520342	1/2"	59	4	520807	1/2"	61,5
2	520837	1/8"	39	5	520808	1/8"	39
2	520343	1/4"	49	5	520809	1/4"	49
2	520344	3/8"	54	5	520810	3/8"	54
2	520345	1/2"	64	5	520811	1/2"	64
3	520800	1/8"	35	6	520812	1/8"	37
3	520801	1/4"	46	6	520813	1/4"	47,5
3	520802	3/8"	51	6	520814	3/8"	52,5
3	520803	1/2"	59	6	520815	1/2"	61,5

## service valves and gate valves

### service valves



item	order no.	edition	connections	overall length (mm)	item	order no.	edition	connections	overall length (mm)
1	520720	ID - ID	1/8"	39	2	520721	ET - ID	1/8"	39
1	520294	ID - ID	1/4"	39	2	520722	ET - ID	1/4"	39
1	520295	ID - ID	3/8"	40	2	520723	ET - ID	3/8"	40
1	520296	ID - ID	1/2"	47	2	520724	ET - ID	1/2"	45
1	520297	ID - ID	3/4"	54					



item	order no.	edition	connections	overall length (mm)	item	order no.	edition	connections	overall length (mm)
1	520350	ID - ID	1/2"	49	3	520354	ID - ø15mm	1/2"	55
1	520351	ID - ID	3/4"	58	3	520355	ID - ø16mm	3/4"	65
2	520352	ET - ID	1/2"	45	4	520356	lever extension	-	-
2	520353	ET - ID	3/4"	52					



item	order no.	edition	connections	overall length (mm)
1	693046	ID - ID	3/8"	41
1	520280	ID - ID	1/2"	55
1	540731	ID - ID	1/2"	61
1	520281	ID - ID	3/4"	55
1	540730	ID - ID	3/4"	70
1	520282	ID - ID	1"	67
1	514325	ID - ID	1"	83
2	540991	ET - ID	3/8"	62
2	520283	ET - ID	1/2"	59
2	520284	ET - ID	3/4"	65
2	520285	ET - ID	1"	75

item	order no.	edition	connections	overall length (mm)
2	540758	ET - ID	1"	90
2	504162	ET - ID	1 1/4"	96
3	101895	ID - ID	1/4"	45
3	540931	ID - ID	3/8"	54
3	540646	ID - ID	3/4"	59
3	540658	ID - ID	3/4"	69
3	540775	ID - ID	1"	83
4	520726	ET - ID	1/2"	70
4	540982	ET - ID	3/4"	70
4	540983	ET - ID	1"	80
5	540937	ID - ID	3/4" - 1"	88

## gate valves



pos.	order no.	edition	connections	overall length (mm)
1	520290	ID - ID	1/2"	40
2	520291	ID - ID	3/4"	41
3	520292	ID - ID	1"	41

pos.	order no.	edition	connections	overall length (mm)
4	520377	ID - ID	1"	51
5	520293	ID - ID	1 1/4"	53

## angle valves, CU pipes and screw pipe connections

### angle valves



item	order no.	description	input	output 1	output 2	item	order no.	description	connections
1	540041	combination angle valve	1/2"	3/8" / 10mm	3/4"	2	543270	auxiliary connection valve right, with back flow restrictor	3/4"
						3	543271	auxiliary connection valve left, with back flow restrictor	3/4"

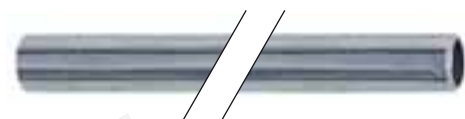


item	order no.	description	input	output	item	order no.	description	input	output
1	540073	pipe breather DVGW approved	1/2"	1/2"	2	540039	pipe breather DVGW approved	3/4"	3/4"



item	order no.	description	input	output	item	order no.	description	input	output
1	540095	angle valve	3/8"	3/8" / 10mm	4	542891	angle valve	3/4"	3/4" - 15mm
1	540042	angle valve	1/2"	3/8" / 10mm	5	543285	angle valve	1/2"	1/2"
2	540043	angle valve with filter	1/2"	3/8" / 10mm	5	543286	angle valve	3/4"	1/2"
3	543280	angle valve self-sealing	1/2"	3/8" / 10mm	5	543287	angle valve	3/4"	3/4"

### CU pipes chromium-plated



pos.	order no.	description	Qty	ø pipe (mm)	pos.	order no.	description	Qty	ø pipe (mm)
1	540067	CU pipe chromium-plated	5m	8	3	540069	CU pipe chromium-plated	5m	12
2	540068	CU pipe chromium-plated	5m	10					

# Supporting material: Water & drainage materials

## screw pipe connections



pos.	order no.	description	thread	ø pipe (mm)
1	540057	screw connection set	3/8"	8
2	540058	screw connection set	3/8"	10
3	540059	screw connection set	3/8"	12
4	540060	screw connection set	1/2"	10

pos.	order no.	description	thread	ø pipe (mm)
5	540061	screw connection set	1/2"	12
6	543281	screw connection set	1/2"	15
7	543282	screw connection set	3/4"	15



item	order no.	description	thread	ø pipe (mm)
1	540044	wall base	3/8"	10
1	540045	wall base	1/2"	10
2	540046	y-branching	1/2"	-
3	543275	pipe fitting	3/8"	10
3	543276	pipe fitting	3/8"	12
3	540050	pipe fitting	1/2"	10
3	543277	pipe fitting	1/2"	12

item	order no.	description	ø pipe (mm)
4	540047	straight screw connection	8
4	540048	straight screw connection	10
4	540049	straight screw connection	12
4	543283	straight screw connection	15
5	540051	elbow screw joint	8
5	540052	elbow screw joint	10
5	540053	elbow screw joint	12
6	540054	t-screw connection	8
6	540055	t-screw connection	10
6	540056	t-screw connection	12



item	order no.	description	ø pipe (mm)
1	520346	t-fitting	15
1	520347	t-fitting	16

item	order no.	description	ø pipe (mm)
2	520348	angle piece	15
2	520349	angle piece	16

Supporting material: Water

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## sealants and greases

### sealants



item	order no.	Qty	description
1	890100	1	PTFE thread tape (Teflon), DVGW approved (DIN EN751-3), length: 12m width: 12cm thickness: 0,1mm
2	890162	50m	PTFE thread tape (Teflon), DVGW approved (DIN EN751-2), recommended by KTW
3	890109	150m	
4	890086	80g	hemp spool
5	890089	1	hemp dispenser (empty)



item	order no.	Qty	description
1	890080	150g	neo-Fermit, non-toxic sealing paste, for gas and water, not setting up, non-shrinking, DIN EN751-2, especially composed for drinking water
2	890081	650g	high pressure fermit, non-toxic sealing filler, resistant to heat and high pressure, not drying up, for threads, flanges, and surfaces of high pressure plants etc.
3	890082	500g	aqua-fermit, red sealing and thread filler, tough elasticity, easily moldable, extra adhesive power, removeable even after long period of time
4	890083	250g	plastic-fermit, white permanent plastic sealant on plastics basis for highest standards, high temperature-resistant, unlimited service life, highly elastic, great adhesive power



item	order no.	Qty	description
1	890084	125g	fermitol, liquid sythetic resin sealant resistant to oil, gas, LPG, water, steam, etc., for threads, flanges, and surfaces
2	890096	100g	siseals thread sealing, 3/8" up to 2" high-strength, non soluble, DVGW approved (non suitable for gas lines)
3	890135	50ml	Loctite 511, universal thread sealant up to 2", only for easily removeable connections, DVGW approved, not suitable for gas and permanent connections
4	890098	100g	Loctite 5331, low strength flexible sealant for plastics and plastic/metal combinations, recommended by KTW



item	order no.	Qty	description
1	890070	50ml	Loctite 518 flexible surface sealant, for semi/ high solid connections
2	890071	50ml	Loctite 573 semi-solid sealant, for close fitting rigid metal surfaces, easily removeable
3	890072	50ml	Loctite 574 quick-curing surface sealant, for close fitting rigid metal surfaces
4	890097	50ml	Loctite 577 liquid sealant for threaded pipes up to 3", approved by DVGW, for removeable connections



item	order no.	Qty	colour	description
1	890110	310ml	clear-transparent	
1	890111	310ml	white	silicon sealing compound for inner and outer use, permanently elastic, harmless
1	890112	310ml	silver grey	
2	890113	310ml	clear-transparent	
2	890114	310ml	white	silicon for food and drinking water use, permanently elastic, recommended by KTW
2	890115	310ml	grey	

## greases



item	order no.	Qty	description
1	890087	25g	
2	890101	100ml	silicone grease (food safe), approved by LMBG and FDA
3	890119	25g	
4	890118	1kg	fitting grease (food safe), approved by LMBG and FDA
5	890116	60g	special grease for fittings, suitable for drinking water

order no.: P020603401

