

MULTI-PURPOSE HOSE MP 20 EPDM

Highly flexible multi-purpose hose, with very good resistance to ageing and weathering as well as good abrasion resistance. Suitable for conveying air and water and many chemical products in industry and agriculture (see our resistance list). The high quality EPDM ensures excellent resistance to ozone and weathering. The textile inserts guarantee a very good buckling stability. Safety against electrostatic charge due to electrically conductive hose construction. Resistance

$R < 106 \Omega$ (determined according to EN ISO 8031:1997). Note: The temperature of the flow medium must be lower than its boiling point

Temperature range: -40°C / $+95^{\circ}\text{C}$ short-term up to 110°C

Safety factor: 4 : 1

Core: EPDM, black, smooth, electrically conductive

Inlay: Textile inlays corded

Cover: EPDM, black, smooth, electrically conductive, ozone-, weatherproof

Labelling: blue longitudinal stripes, continuous colour signature, white: "SEMPERIT S MP 20-EPDM MULTI PURPOSE PN 20 BAR DN"



matching fittings::



Water Couplings
(System Geka)
Details from page.
088



Worm thread
Clamps
Details page. 123



Sleeve
screw
connections
Details page. 101

Article Number	Nominal Width (mm)	Wall Thickness (mm)	Operating Pressure (bar)	Bending Radius (mm)	Weight (kg/ meter)	Roll Length (m)
1208.006035	6	3,5	20	40	0,15	100
1208.010035	10	3,5	20	60	0,21	100
1208.013040	13	4	20	80	0,30	100
1208.019045	19	4,5	20	115	0,47	50
1208.025050	25	5	20	150	0,67	50

RUBBER WATER HOSE, red

An inexpensive service water hose for various applications in industry, construction sites, ships, ice rinks and skating rinks, sports facilities, workshops, car washes, gardens and parks.



Temperature range: -30°C / $+70^{\circ}\text{C}$

Safety factor: 3.15 : 1

Core: SBR, black, smooth

Inlay: Textile inlays corded

Cover: SBR/NR, grooved, red

Labelling: none

matching fittings:



Water Couplings
(System Geka)
Details Page. 088



Worm thread
Clamps
Details Page 123

Article Number	Nominal Width (mm)	Wall Thickness (mm)	Operating Pressure (bar)	Bending Radius (mm)	Weight (kg/ meter)	Roll Length (m)
1207.013035	13	3,5	6	200	0,26	50
1207.019045	20	4	6	280	0,44	50
1207.025045	25	4,5	6	340	0,61	50

PVC fabric water hose "SUPERFLEX", yellow

Flexible multi-layer PVC hose with honeycomb soft and flex structure. Suitable for irrigation and cleaning in Agricultural industry, construction industry, gardening and landscaping and agriculture

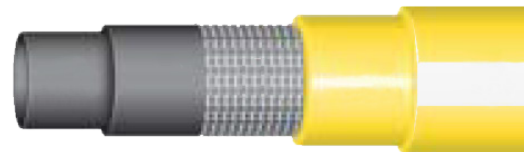
Temperature range: -15°C / +60°C

Safety factor: 2.5 : 1

Core: 2-layer, smooth hose core

interlining: knitted fabric interlining

Cover: PVC, very good UV resistance



matching fittings:



Water Couplings
(System Geka)
Details page. 088



Worm thread
Clamps
Details S. 123

Article Number	Nominal Width (mm)	Wall Thickness (mm)	Operating Pressure (bar)	Bending Radius (mm)	Weight (kg/ meter)	Roll Length (m)
4015.013000	13	2,25	8	140	0,15	50
4015.019000	19	2,4	6	200	0,27	50
4015.025000	25	3	6	255	0,41	50

RUBBER INDUSTRIAL HOSE

Industrial hose in dark quality suitable for hot and cold water up to 12 bar at maximum 80°C, compressed air up to 10 bar, lyes, chemicals. In addition, this hose is resistant to traces of oil and the cover is resistant to abrasion and weathering.

Standard: ISO R 1307.

Temperature range: -30°C / +80°C

Safety factor: 3 : 1

Core: SBR, black, smooth

Interlining: textile cord

Cover: SBR, black, fabric patterned



matching fittings:



Storz- Couplings
Details page. 084



Prefabricated clamps
Details page. 124

Article Number	Nominal Width (mm)	Wall Thickness (mm)	Operating Pressure Hot-/Cold Water (bar)	Bending Radius (mm)	Weight (kg/ meter)	Roll Length (m)
1209.028045	28	4,5	12	290	0,68	20 / 40
1209.032060	32	6	12	320	1,08	20 / 40
1209.035060	35	6	12	350	1,16	20 / 40
1209.038070	38	7	12	380	1,45	20 / 40
1209.040070	40	7	12	400	1,51	20 / 40
1209.042070	42	7	12	420	1,55	20 / 40
1209.045070	45	7	12	450	1,82	20 / 40
1209.048070	48	8	12	480	1,88	20 / 40
1209.050060	50	6	12	500	1,95	20 / 40
1209.060080	60	8	12	600	2,15	20 / 40
1209.065080	63	8	12	630	2,35	20 / 40
1209.075080	75	8	12	760	2,78	20 / 40
1209.080070	80	7	12	800	2,95	20 / 40
1209.090070	90	7	12	900	3,15	20 / 40
1209.100070	100	7	12	1020	3,45	20 / 40

RUBBER CONSTRUCTION SPIRAL HOSE

Suitable for process water and liquid manure, light acids and alkalis.



Temperature range: -30°C / +80°C
 Safety factor: 3 : 1
 Vacuum: 0,8 bar
 Core: SBR, black, smooth
 insert: with steel wire spiral
 Cover: SBR, black, fabric patterned

Article Number.	Nominal Width (mm)	Wall Thickness (mm)	Operating Pressure (bar)	Bending Radius (mm)	Weight (kg/ m)	Roll Length (m)
	19	5,5	10	95		40
1211.028060	25	5	10	125	0,78	40
1211.032060	32	5,5	10	160	1,03	40
1211.038060	38	6	10	190	1,15	40
	40	6	10	200		40
1211.050070	51	6,5	10	250	1,82	40
1211.065070	63	8	10	325	2,30	40
1211.075070	76	7	10	375	2,55	20 / 40
	90	7,5	10	450		40
1211.100080	102	7	10	500	3,68	40
1211.150010	152	9	10	750	7,52	20

Other nominal sizes on request

matching fittings:



Storz-
Couplings
Details page. 084



Kardan-
Couplings
Details page 081



Pivot pin-
Clamps
Details S. 124

RUBBER SUCTION HOSE WITH SPIRAL-FREE SLEEVES

Suitable for process water, liquid manure, light acids and alkalis. Very flexible. Also available with copper stranding on request.



Temperature range: -30°C / +80°C
 Vacuum: 0.9 bar
 Core: SBR, black, smooth
 insert: with steel wire spiral
 Cover: SBR, black, corrugated, fabric patterned

Article Number	Nominal Width (mm)	Wall Thickness (mm)	Operating Pressure (bar)	Bending Radius (mm)	Weight (kg/ meter)	Roll Length (m)
	50	5	3	175		2 / 3 / 5 / 6
	76	6	3	266		2 / 3 / 4 / 5 / 6
	102	7	3	357		2 / 3 / 4 / 5 / 6
	110	7	3	385		3 / 4 / 4,90
	127	8	3	444,5		3 / 5 / 6
	152	9	3	532		3 / 4 / 5 / 6
	203	11	3	710,50		2 / 3 / 4 / 5 / 6

PVC FABRIC HOSE, transparent

For conveying highly abrasive media. Developed as delivery hose for concrete pumps. Long service life due to abrasion-resistant core.

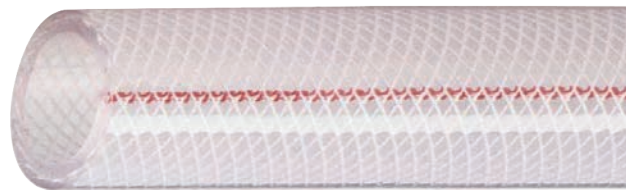
Temperature range: -20°C / +60°C

Safety factor: 3 : 1

Core: PVC, transparent, smooth

Interlining: fabric

core / cover: PVC, transparent, smooth



matching fittings



Storz-
Couplings
Details page. 084



Quick Closing -
couplings
Details page 094



2-Ear-
Clamps
Details page 123

Article Number	Nominal Width (mm)	Wall Thickness (mm)	Operating Pressure (bar)	Bending Radius (mm)	Weight (kg/ meter)	Roll Length (m)
4010.004030	4	3	20	24	0,09	50
4010.006030	6	3	20	36	0,10	50
4010.008030	8	3	20	48	0,13	50
4010.009030	9	3	20	54	0,14	50
4010.010030	10	3	20	60	0,15	50
4010.013030	13	3,5	20	78	0,23	50
4010.016040	16	4	20	96	0,31	50
4010.019040	19	4	20	114	0,35	25/50
4010.025045	25	4,5	15	150	0,51	25/50
4010.032050	32	5	15	192	0,71	25/50
4010.038050	38	5	10	228	0,82	25/50
4010.045050	45	5	10	270	1,18	25/50
4010.050050	50	5	10	300	1,49	25/50

Other nominal sizes on request

PVC HOSE, crystal clear

Suitable as cable protection conduit, limited chemical resistance, for pressureless applications in industry and laboratory technology.

Temperature range: -15°C / +60°C

Standard: EU 10/2011 Cat. A, B, C.

Safety factor: 3 : 1

Vacuum: 0,8 bar

core / cover: PVC, transparent

Deposit: Without



Article Number	Nominal Width (mm)	Wall Thickness (mm)	Operating Pressure (bar)	Weight (kg/ meter)	Roll Length (m)
4012.000000 + NW	6	1,5 / 2	-	0,05 / 0,06	100
4012.000000 + NW	9	2	-	0,09	50
4012.000000 + NW	13	2,5	-	0,16	50
4012.000000 + NW	19	4	-	0,37	50
4012.000000 + NW	25	3	-	0,34	50
4012.000000 + NW	32	4	-	0,58	50
4012.000000 + NW	38	5	-	0,86	50
4012.000000 + NW	50	5	-	1,10	50

Other nominal sizes on request

PVC HOSE WITH STEEL HELIX, transparent

Robust, highly flexible suction and pressure hose smooth inside and outside with very high pressure and vacuum values. It is suitable for conveying food, beverages (water, liquids containing alcohol), waste water or chemical substances, but also for transporting granulates in the plastics industry, groundwater lowering, paper industry, printing machines, compressed air technology, agriculture or mechanical engineering.

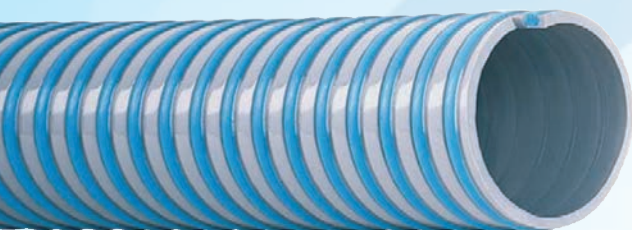


Temperature range: -15°C / +60°C
Standard: EU 10/2011 Cat. A, B, C
Vacuum: 0.9 bar
Construction: PVC, transparent, smooth with embedded steel wire spiral

Article Number	Nominal Width (mm)	Operating pressure at 20°C (bar)	Bending Radius (mm)	Vacuum (bar)	Weight (kg/ meter)	Roll Length (m)
4035.020000	20	8	60	0,9	0,36	50
4035.025000	25	8	75	0,9	0,50	50
4035.032000	32	8	96	0,9	0,68	50
4035.038000	38	7	114	0,9	0,82	50
4035.050000	50	5	150	0,9	1,28	50
4035.075000	75	4	225	0,9	2,40	30
4035.100000	100	3	300	0,9	3,80	20

PVC-SPIRAL HOSE "Hanseat"

For pumping process water and liquid manure under medium-heavy operating conditions. Suitable for irrigation, sewerage and cesspit cleaning, as manure hose in agriculture, on municipal vehicles, in the printing industry and in mechanical engineering. High quality plastic compound for better cold flexibility.



Temperature range: -25°C / +60°C
Vacuum: 0.9 bar
Construction: Plastic, grey, with welded, blue or green PVC spiral on the outside
Bending radius: 3.5 x inner diameter

Article Number	Nominal-Width (mm)	Wall Thickness (mm)	Operating pressure at 20°C (bar)	Weight (kg/ meter)	Roll Length (m)
4040.050000	50	5,7	5	0,95	50
4040.075000	75	6	4	1,60	50
4040.080000	80	6	3,5	1,70	50
4040.100000	100	6,7	3	2,20	50
4040.150000	150	9	2	4,20	20

Suitable fittings for all PVC- tubes of this double page



Kamlok-Quick couplings
Details page S. 075



Storz-Couplings
Details page 084

PVC-SPIRAL HOSE STANDARD, green

For the use of water in many branches of industry under light conditions. The smooth inner wall prevents deposits. Suitable for use in the agricultural industry, construction industry, gardening and landscaping, as well as mechanical engineering for conducting water, acids, bases and alkalis, suction and pressure hose in many areas of industry, for irrigation and drainage projects in agriculture and fertiliser distribution

Temperature range: -15°C / +60°C

Standard: EU 10/2011 Cat. A, B, C

Vacuum: 0.6 bar

Construction: plastic, green transparent, smooth with embedded white PVC spiral



Article Number	Nominal Width (mm)	Operating pressure briefly (bar)	Bending Radius (mm)	Vacuum (bar)	Weight (kg/ meter)	Roll Length (m)
4030.013000	13	7	55	0,6	0,14	50
4030.019000	19	7	80	0,6	0,20	50
4030.025000	25	7	110	0,6	0,25	50
4030.032000	32	7	140	0,6	0,32	50
4030.038000	38	6	180	0,6	0,42	50
4030.050000	50	5	240	0,6	0,64	50
4030.060000	60	5	270	0,6	0,77	50
4030.075000	75	4	370	0,6	1,15	50
4030.100000	100	4	500	0,6	1,71	50

PVC-SPIRAL HOSE „GROUPE 144“

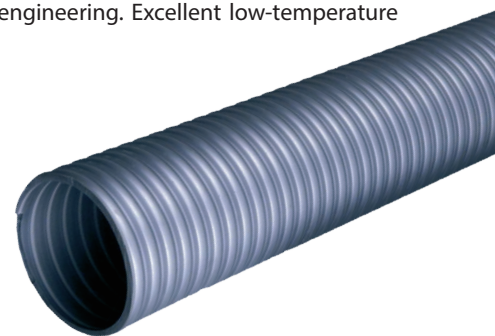
Spiral hose for heavy-duty applications in industry, agriculture and waste disposal services, including irrigation, sewerage and cesspit cleaning, as manure hose in agriculture, on municipal vehicles, in the printing industry and in mechanical engineering. Excellent low-temperature flexibility, resistant to industrial chemicals, oil-containing and abrasive materials.

Temperature range: -40°C / +60°C

Standard: ISO R 1307

Vacuum: 0.9 bar

Construction: PVC Buna soft silver-grey, PVC spiral white and PVC Buna blanket soft silver grey, corrugated



Article Number	Nominal Width (mm)	Operating Pressure (bar)	Bending Radius (mm)	Weight (kg/ meter)	Roll Length (m)
4043.075000	75	4	240	1,75	50
4043.080000	80	3	250	1,95	50
4043.090000	90	3	290	2,15	50



Kardan-Couplings
Details page. 081



Pivot pin-Clamps
Details page 124

RUBBER RADIATOR HOSE - EPDM

Radiator hose for internal combustion engines. Good resistance to ageing under the influence of hot water, hot air and antifreeze. Ozone resistant



Temperature range: -40°C / +100°C

Safety factor: 2.5 : 1

Core: EPDM, black, smooth

Inlay: Polyester inserts corded

Ceiling: EPDM, black, smooth, weather and ozone resistant

Marking: continuous colour marking, white:

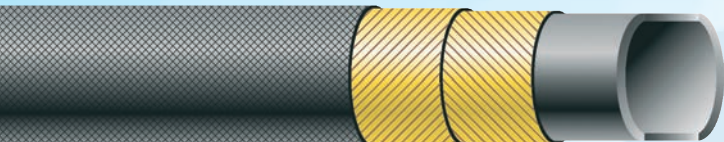
"SEMPERIT S FKD Cooling Water id x wd

>EPDM/PES/EPDM< quarter/year"

Article Number	Nominal Width (mm)	Wall Thickness (mm)	Material	Operating Pressure (bar)	Bending Radius (mm)	Weight (kg/ meter)	roll/cut lengths(m)
1320.010035	10	3,5	EPDM	6	60	0,21	40 / 1
1320.012035	12	3,5	EPDM	6	70	0,25	40 / 1
1320.015035	15	3,5	EPDM	6	90	0,30	40 / 1
1320.018035	18	3,5	EPDM	6	110	0,35	40 / 1
1320.020035	20	3,5	EPDM	6	120	0,38	40 / 1
1320.022035	22	3,5	EPDM	6	135	0,41	40 / 1
1320.025035	25	3,5	EPDM	6	150	0,46	40 / 1

RUBBER RADIATOR HOSE - SBR

Cooling water pressure hose for internal combustion engines. Hot water and antifreeze resistant core and cover



Temperature range: -35°C / +100°C

Safety factor: 3.15 : 1

Core: SBR, black, smooth

Interlining: Textile inserts wound.

Cover: SBR, black, fabric impression

Labelling: continuous colour marking in white:

"SEMPERIT S FKS Cooling Water

DN PN 3 bar 100°C"" DN PN 3 bar 100°C"

Article Number	Nominal Width (mm)	Wall Thickness (mm)	Material	Operating Pressure (bar)	Deposits	Weight (kg/ meter)	Roll/cut length (m)
1320.028035	28	4	SBR	3	2	0,52	40 / 1
1320.030035	30	4	SBR	3	2	0,55	40 / 1
1320.032035	32	4	SBR	3	2	0,65	40 / 1
1320.035035	35	4	SBR	3	2	0,75	40 / 1
1320.038035	38	4	SBR	3	2	0,80	40 / 1
1320.040040	40	4	SBR	3	2	0,85	40 / 1
1320.042040	42	4	SBR	3	2	0,90	40 / 1
1320.045045	45	4,5	SBR	3	2	1,05	40 / 1
1320.048045	48	4,5	SBR	3	2	1,10	40 / 1
1320.050045	50	4,5	SBR	3	2	1,10	40 / 1
1320.055045	55	4,5	SBR	3	2	1,15	40 / 1
1320.060050	60	5	SBR	3	2	1,40	40 / 1
1320.065050	65	5	SBR	3	2	1,50	40 / 1
1320.070050	70	5	SBR	3	2	1,65	40 / 1
1320.075050	75	5	SBR	3	2	1,75	40 / 1
1320.080050	80	5	SBR	3	2	1,80	40 / 1
1320.085050	85	5	SBR	3	2	1,90	40 / 1
1320.090050	90	5	SBR	3	2	2,05	40 / 1
1320.100050	100	5	SBR	3	2	2,35	40 / 1
1320.110060	110	6	SBR	3	2	3,10	40 / 1
1320.120060	120	6	SBR	3	2	3,35	40 / 1
1320.130080	130	7	SBR	3	2	3,55	40 / 1

SEWER RINSING HOSE

Pressure hose for use on sewer rinsing vehicles for cleaning sewers in industry, trade and infrastructure.

Highly economical due to highly abrasion-resistant, weatherproof cover. (abrasion according to EN ISO6945:2000, max 0.5g (100N)).

The smooth surface reduces the sliding resistance, is dirt-repellent and easy to clean..

Temperature range: -35°C / +80°C

Safety factor: 2.5 : 1

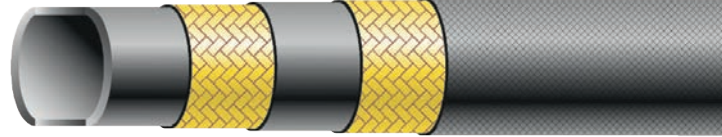
Core: SBR, black, smooth

Interfacing: Textile inserts braided

Cover: NR/BR, black, smooth, highly abrasion resistant, weatherproof

Marking: continuous embossing, orange:

"SEMPERIT S IK 25 PN 250 bar month/year ZH 1/406"



As a standard, steel press fittings with BSP threaded connections (AGR + DKR) with a 60° sealing cone are used. Other connection types on request.

Article Number	Nominal Width (mm)	Wall Thickness (mm)	Operating Pressure (bar)	Number of deposits	Bendingradius (mm)	Weight (kg/ meter)
1215.013060	13	6	250	2	70	0,46
1215.019060	19	6	250	2	95	0,61
1215.025070	25	7	250	2	110	0,86
1215.032080	32	8	250	2	150	1,27

Roll length: 40 m, 60 m, 80 m, 100 m, 120 m, 150 m, 160 m, 180 m, 200 m (up to and including DN25).

Other lengths on request

UNIVERSAL-FLAT HOSE RUBBERIZED

Syntex, black

On Request

For use in industry, construction, sewerage, demolition, gardening, agriculture, refineries, compressors as well as pneumatic and pneumatic tools. This universal flat hose has a high abrasion resistance and durability due to longitudinal ribs. If the outer cover is damaged, it can be repaired without any problems. This hose is care and maintenance-free, extremely resistant to ageing, ozone and UV radiation. Low friction loss due to smooth inner rubber coating. Suitable for seawater, hot water, oil, petrol, many chemicals

Temperature range: -40°C to +100°C

Safety factor: 3 : 1

Core: very smooth for minimum pressure drop

Fabric: made of 100 % high tenacity synthetic polyester yarn, round woven, embedded in the rubber coating, therefore optimal Protection of the print substrate.

High-quality nitrile/PVC compound is produced by extrusion pressed through the fabric (standard colours: black and yellow; others on request).

Cover: longitudinal ribs for excellent abrasion resistance



matching fittings



Storz-Couplings
Details page 084



Claw-Couplings
Detailspage. 091



RD cone valve-screwconnections



Malleable Cast Iron-couplings
Details S. 125

SYNTHETIK CONSTRUCTION +INDUSTRIAL HOSE, white

For use in industry, construction, gardening, agriculture and technical support services. Suitable for seawater, hot water and many chemicals.
Features: Very light and flexible hose quality, care and maintenance free, extremely age-resistant.
resistant, ozone and UV-resistant, excellent abrasion resistance, low friction loss due to smooth inner rubber coating.

Temperature range: -40°C to +100°C

Safety factor: 3 : 1

Core: high-quality, synthetic manchon on EPDM basis

Blanket: 100% high strength synthetic fabric

Polyester yarn (colour: natural white), round woven in twill weave, warp and weft multiple twisted



Article Number	Nominal Width (mm)	Wall Thickness (mm)	Operating Pressure (bar)	Space pressure (bar)	Weight (kg/ meter)	Theoretical tensile strength (kg)
3010.025000	25	1,45	14	40	0,12	2,30
3010.038000	38	1,55	14	40	0,18	3,20
3010.042000	C/42	1,55	14	40	0,23	4,20
3010.052000	C/52	1,55	14	40	0,28	5,80
3010.075000	B/75	1,65	14	40	0,46	8,60
3010.100000	A/100	1,90	12	35	0,64	9,50
3010.110000	A/110	1,90	12	35	0,76	11,70

universal flat hose, with mounted Storz hose ends:

Article Number	Nominal Width (mm)	Wall Thickness (mm)	Operating Pressure (bar)	Theoretical Tensile strength (kg)	Weight (kg/ Length)	Length (m)
3020.052005	C/52	1,55	14	5,80	1,96	5
3020.052010	C/52	1,55	14	5,80	3,21	10
3020.052015	C/52	1,55	14	5,80	4,46	15
3020.052020	C/52	1,55	14	5,80	5,71	20
3020.052025	C/52	1,55	14	5,80	6,96	25
3020.052030	C/52	1,55	14	5,80	8,21	30
3020.075015	B/75	1,65	14	8,60	7,64	15
3020.075020	B/75	1,65	14	8,60	9,74	20
3020.075025	B/75	1,65	14	8,60	11,84	25
3020.075030	B/75	1,65	14	8,60	13,94	30

also available as

SYNTHETIC CONSTRUCTION+INDUSTRIAL HOSE, PU

Increased abrasion and flame resistance due to outer coating (better protection against flying sparks), very light and flexible hose quality, care and maintenance-free, extremely resistant to ageing, ozone and UV radiation, excellent abrasion resistance, cold resistant to -40 °C, heat resistant to +100 °C, low friction loss due to smooth inner rubber coating, suitable for sea water, hot water and many chemicals..

Core: high-quality, synthetic manchon on EPDM basis, fabric: made of 100% high-tenacity synthetic polyester yarn, round weave in twill weave, warp and weft twisted several times, cover: polyurethane coating (standard colour: red).



DRINKING WATER FLAT HOSE

Syntex Aquadur

On Request

Suitable for use in municipal water management, emergency drinking water supply, drinking water transfer, food industry and for technical auxiliary services. This hose is characterised by its excellent abrasion resistance and durability for extremely high stresses and strains. It has excellent tensile strength, is easy to clean and disinfect and is also extremely resistant to ageing as well as ozone and UV radiation and has a low friction loss and minimal longitudinal elongation



Temperature range: -50°C to +75°C

Safety factor: 3 : 1

approvals: KTW recommendation category A, DVGW W270, BS6920-1:2000 (WRAS)

Core: very smooth for minimum pressure drop

Fabric: made of 100 % high strength synthetic Polyester yarn, completely embedded in high quality thermoplastic polyurethane (TPU is for drinking water suitable), is extruded through the fabric in an extrusion process pressed (standard colour: blue), therefore optimal protection of the print medium

top: smooth, excellent abrasion resistance

SYNTHETIC-FIRE HOSE according to DIN 14811 -

Syntex 3F, natural white

Suitable for sea water, hot water and many chemicals. Very light and flexible hose quality, care and maintenance-free, extremely resistant to ageing as well as ozone and UV radiation, excellent abrasion resistance, low friction loss due to smooth inner rubber lining. According to DIN 14811:2008-01+A2:2014-08, according to BS 6391:2009 Type 1, M.E.D. 96/98/EC, ÖNORM F2105, Germanischer Lloyd



Temperature range: -40°C to +100°C

Safety factor: 3 : 1

Core: high-quality, synthetic manchon on EPDM basis

Blanket: 100% high strength synthetic fabric

Polyester yarn (colour: natural white), round woven in

Twill weave, warp and weft multiple twisted

Article Number	Nominal Width (mm)	Wall Thickness (mm)	Operating Pressure (bar)	Space pressure (bar)	Weight (kg/ meter)	Theoretical Tensile strength (kg)
3050.052000	C/52	1,65	20	60	0,29	5,8
3050.075000	B/75	1,75	20	60	0,48	8,6
3050.110000	A/110	1,95	12	35	0,78	11,7

SYNTHETIC-FIRE HOSE according to DIN 14811 -

Syntex 3F PU, red coated



Suitable for sea water, hot water and many chemicals. Increased abrasion and flame resistance due to outer coating, better protection against flying sparks, very light and flexible hose quality, care and maintenance-free, extremely resistant to ageing as well as ozone and UV radiation, excellent abrasion resistance, low friction loss due to smooth inner rubber coating. According to DIN 14811:2008-01+A2:2014-08, according to BS 6391:2009 Type 2, M.E.D. 96/98/EC, German Lloyd

Temperature range: -40°C to +100°C

Safety factor: 3 : 1

Core: high-quality, synthetic manchon on EPDM basis

Fabric: made of 100 % high strength synthetic

Polyester yarn, round woven in twill weave, warp and weft multiple twisted

Ceiling: Polyurethane coating (standard colour: red)

Article Number	Nominal Width (mm)	Wall Thickness (mm)	Operating Pressure (bar)	Space pressure (bar)	Weight (kg/ meter)	Theoretical Tensile strength (kg)
3060.052000	C/52	1,65	20	60	0,32	5,8
3060.075000	B/75	1,75	20	60	0,51	8,6

Other dimensions on request.

SYNTHETIC-FIRE HOSE according to DIN 14811 -

Syntex Color, bright yellow

On Request



Suitable for fire brigades, industry, shipping, military as well as for technical emergency services. Due to fluorescent signal colouring ideal for use in smoke and darkness, active safety. Reduces the risk of accidents during operation. Very light and flexible hose quality, care and maintenance-free, extremely resistant to ageing as well as ozone and UV radiation, excellent abrasion resistance, low friction loss due to smooth inner rubber lining. Suitable for seawater, hot water and many chemicals.

According to DIN 14811:2008-01+A2:2014-08, German Lloyd.

Temperature range: -40°C to +100°C

Safety factor: 3 : 1

Core: high-quality, synthetic manchon on EPDM basis

Inlay/blanket: fabric made of 100 % high strength synthetic

Polyester yarn (colour: bright yellow dyed), round woven in Twill weave, warp and weft twisted several times.

This hose is available in diameters C/42 mm, C/52 mm and B/75 mm, in the following performance levels:

L1 - power level 1 - Syntex signal (yellow)

L2 - power stage 2 - Syntex Signal Extra (yellow)

L3 - power stage 3 - Syntex signal Robust (yellow)