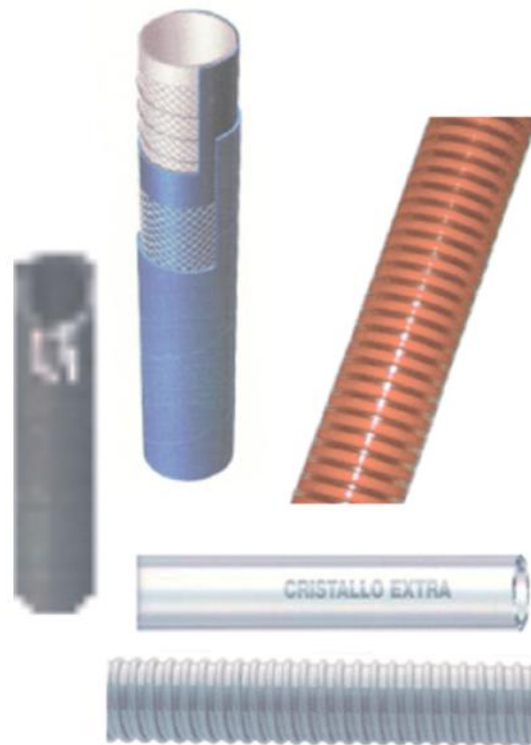


25. PIPES AND HOSES

Rubber hoses - air	p. 664
Rubber hoses - abrasives	p. 665
Rubber hoses - food products	p. 665
Aspiration / transportation hoses	p. 666
PVC hoses for water / liquids	p. 667
Ventilation hoses	p. 668
Hydraulic tubes	p. 669



>>> Rubber Hoses - Air

Smooth T20 compressed air hose (20 Bar)

 At www.rodavigo.net Family: Pipes and Hoses
 Product: Air hose


Code	Diameter				Pressure			
	inch	mm	mm	mm	Kg/m	bar	PSI	mm
151T20L6	1/4	6	13	3,5	0,18	20	300	48
151T20L8	5/16	8	15	3,5	0,23	20	300	50
151T20L10	3/8	10	17	3,5	0,30	20	300	60
151T20L13	1/2	13	22	4,5	0,41	20	300	70
151T20L15	5/8	15	25	5	0,48	20	300	90
151T20L19	3/4	19	29	5	0,64	20	300	100
151T20L25	1	25	35	5	0,81	20	300	110

APPLICATION AND PROPERTIES

Continuously manufactured tube with high resistance to aging and weathering. Light and handy, specially designed for compressed air conduction in mining, public works and various industrial uses.

COMPOSITION

Inner tube: Smooth black synthetic rubber - oil mist resistant.
 Reinforcement: High tenacity synthetic thread.
 Outer cover: Smooth black synthetic rubber resistant to abrasion, weathering and severe conditions of use.

Safety factor: 3: 1

Temperature: -25°C to + 80°C (-13°F to + 176°F)

Marking: TUBIGOMMA T-20 AIR 20 BAR (300 PSI) MADE IN C.E.E.

Type of marking: WHITE LETTERS

Lapped T10 compressed air hose (10 Bar)



Code	Diameter				Pressure			
	inch."	mm	mm	mm	Kg/m	bar	PSI	mm
151T1030	1 ^{3/16}	30	42	6	0,92	10	150	300
151T1032	1 ^{1/4}	32	44	6	0,97	10	150	320
151T1035	1 ^{3/8}	35	47	6	1,06	10	150	350
151T1038	1 ^{1/2}	38	50	6	1,29	10	150	380
151T1040	1 ^{9/16}	40	52	6	1,64	10	150	400
151T1045	1 ^{3/4}	45	57	6	1,83	10	150	450
151T1050	2	50	65	7	1,99	10	150	500
151T1055	2 ^{1/16}	55	69	7	2,20	10	150	550
151T1060	2 ^{3/8}	60	75	7,5	2,40	10	150	600
151T1070	2 ^{3/4}	70	85	7,5	2,62	10	150	750
151T1075	3	75	90	7,5	2,90	10	150	900
151T1080	3 ^{1/16}	80	95	7,5	3,12	10	150	1000
151T1090	3 ^{9/16}	90	105	7,5	3,45	10	150	1050
151T10100	4	100	115	7,5	3,87	10	150	1150

APPLICATION AND PROPERTIES

Tube made on mandrel intended for the conduction of compressed air, water and inert fluids or with small parts of suspended oils.

It is mainly used in industry, mining and public works.

Suitable for most compressors and pneumatic tools.

COMPOSITION

Inner tube: Smooth black synthetic rubber - oil mist resistant.
 Reinforcement: High tenacity synthetic thread. Intermediate rubber layer that ensures perfect adherence to the inner tube-cover.
 Outer cover: Black synthetic rubber resistant to abrasion, weathering and severe conditions of use.
 Surface with a fine fabric impression.

Safety factor: 3: 1

Temperature: -25°C to + 80°C (-13°F to + 176°F)

Marking: TUBIGOMMA T-10 AIR 10 BAR (150 PSI) MADE IN C.E.E.

Type of marking: YELLOW LETTERS

Lapped T20 compressed air hose (20 Bar)



Code	Diameter				Pressure			
	inch."	mm	mm	mm	Kg/m	bar	PSI	mm
151T2013	1/2	13	23	5	0,45	20	300	120
151T2015	5/8	15	26	5,5	0,53	20	300	150
151T2019	3/4	19	30	5,5	0,63	20	300	180
151T2025	1	25	36	5,5	0,88	20	300	250
151T2030	1 3/16	30	44	7	1,42	20	300	300
151T2032	1 1/4	32	46	7	1,49	20	300	320
151T2035	1 3/8	35	51	8	1,62	20	300	350
151T2038	1 1/2	38	54	8	1,75	20	300	380
151T2040	1 9/16	40	56	8	1,81	20	300	400
151T2045	1 3/4	45	61	8	1,99	20	300	450
151T2050	2	50	67	8	2,29	20	300	500
151T2055	2 3/16	55	71	8	2,45	20	300	550
151T2060	2 3/8	60	76	8	2,63	20	300	600
151T2070	2 3/4	70	86	8	2,09	20	300	750
151T2075	3	75	91	8	3,23	20	300	900
151T2080	3 3/16	80	96	8	3,41	20	300	1000
151T2090	3 9/16	90	110	10	3,85	20	300	1050
151T20100	4	100	120	10	4,21	20	300	1150

APPLICATION AND PROPERTIES

Tube made on a mandrel for compressed air conduction, water and inert fluids or with small parts of suspended oils.

It is mainly used in industry, mining and public works.

Suitable for most compressors and pneumatic tools.

COMPOSITION

Inner tube: Smooth black synthetic rubber - oil mist resistant.
 Reinforcement: High tenacity synthetic thread.
 Outer cover: Black synthetic rubber resistant to abrasion, weathering and severe conditions of use.
 Surface with a fine fabric impression.

Safety factor: 3: 1

Temperature: -25°C to + 80°C (-13°F to + 176°F)

Marking: TUBIGOMMA T-20 AIR 20 BAR (300 PSI) MADE IN C.E.E.

Marking type: BLUE LETTERS

>>> Abrasive rubber hoses

Lapped T 17 hose



Code	Diameter				Pressure			
	inch."	mm	mm	mm	Kg/m	bar	PSI	mm
155T1770	2 ^{3/4}	70	83	6,5	2,01	5	75	700
155T1775	3	75	89	7	2,33	5	75	800
155T1780	3 ^{3/16}	80	94	7	2,47	5	75	920
155T1790	3 ^{9/16}	90	104	7	2,74	5	75	980
155T17100	4	100	115	7,5	3,55	5	75	1100

APPLICATION AND PROPERTIES

Tube built on a mandrel, of great thickness for transportation of concrete and mortars for construction. Special application in boom trucks and pressure pumping machines.

Reinforcement: High tenacity synthetic thread. Intermediate rubber layer that ensures perfect adherence to the inner tube-cover.

Outer cover: Black synthetic rubber resistant to abrasion, weathering and severe conditions of use. Fine fabric printing.

Inner tube: Ultra abrasion resistant natural rubber.

Safety factor: 3: 1

Temperature: -25°C to + 80°C (-13°F to + 176°F)

Marking: TUBIGOMMA G-10 SANDBLAST 10 BAR (150 PSI) MADE IN C.E.E.

Type of marking: WHITE LETTERS

Lapped G 10 hose

Code	Diameter				Pressure			
	inch."	mm	mm	mm	Kg/m	bar	PSI	mm
155G1025	1	25	38	6,5	0,81	40	580	250
155G1032	1 ^{1/4}	32	48	8	1,2	10	150	320
155G1040	1 ^{9/16}	40	60	10	1,97	10	150	350
155G1050	2	50	70	10	2,39	10	150	420
155G1060	2 ^{3/8}	60	80	10	2,75	10	150	510
155G1080	3 ^{3/16}	80	105	12,5	3,7	10	150	700

APPLICATION AND PROPERTIES

Tube built on a mandrel to transport powdered cement, concrete and low pressure granulated materials. Special application in boom trucks and pressure pumping machines.

COMPOSITION

Inner tube: Natural rubber of remarkable thickness resistant to abrasion.

Reinforcement: High tenacity synthetic thread. Intermediate rubber layer that ensures perfect adherence to the inner tube-cover. Incorporates copper wire for electrostatic discharge.

Outer cover: Black synthetic rubber resistant to abrasion, weathering and severe conditions of use. Surface with a fine fabric print.

Safety factor: 3: 1

Temperature: -25°C to + 80°C (-13°F to + 176°F)

Marking: TUBIGOMMA T-17 CONCERTO 5 BAR (75 PSI) MADE IN C.E.E.

Type of marking: GREEN LETTERS

>>> Food rubber hoses

Lapped L33 Compressed Air Hose



Code	Diameter				Pressure			
	inch."	mm	mm	mm	Kg/m	bar	PSI	mm
155L3313	1/2	13	23	5	0,46	10	150	56
155L3316	5/8	16	26	5	0,53	10	150	64
155L3319	3/4	19	31	6	0,73	10	150	76
155L3325	1	25	37	6	0,89	10	150	100
155L3332	1 ^{1/4}	32	44	6	1,09	10	150	128
155L3340	1 ^{9/16}	40	56	8	1,53	10	150	160
155L3351	2	51	67	8	1,94	10	150	210

APPLICATION AND PROPERTIES

Non-toxic tube built on a mandrel designed for aspiration and transportation of food liquids, milk, oils and alcoholic beverages up to 50%.

COMPOSITION

Inner tube: White harmless synthetic rubber.

Reinforcement: High tenacity synthetic thread.

Outer cover: Blue synthetic rubber resistant to abrasion and weathering.

Surface with a fine fabric impression.

Safety factor: 3: 1.

Marking: ALFAGOMMA-ITALY- T-404 4 + 4 SP 10 BAR (150 PSI) FOOD TRANSFER- (logo)

Type of marking: BLACK LETTERS

Temperature: -31°C to + 164°C (-31°F to + 330°F)

Standard: F.D.A. EEC NO. 85/572 - 90/128 - 93/8 FRENCH STD. XP ENV 1186

Notes: STERILIZATION WITH VAPOR AT 2.5 BAR 130°C MAX. 30 MINUTES

Lapped S33 Compressed Air Hose



Code	Diameter				Pressure				
	inch."	mm	mm	mm	Kg/m	bar	PSI	mm	%
155S3340	1 ^{9/16}	40	51	5,5	1,3	10	150	250	100
155S3345	1 ^{3/4}	45	56	5,5	1,53	10	150	275	100
155S3353	2	53	64	5,5	1,85	10	150	300	100
155S3363	2 ^{1/2}	63	75	6	2,25	10	150	360	90

APPLICATION AND PROPERTIES

Non-toxic tube built on a mandrel designed for transportation of food liquids, milk, oils and alcoholic beverages up to 50%.

COMPOSITION

Inner tube: White harmless synthetic rubber.

Reinforcement: High tenacity synthetic thread.

Outer cover: Blue synthetic rubber resistant to abrasion and weathering.

Surface with a fine fabric impression.

Safety factor: 3: 1.

Temperature: -31°C to + 164°C (-31°F to + 330°F)

Marking: ALFAGOMMA-ITALY- T-450 10 BAR (150 PSI) FOOD TRANSFER- (logo)

Type of marking: BLACK LETTERS

Standard: F.D.A. EEC NO. 85/572 - 90/128 - 93/8 FRENCH STD. XP ENV 1186

Notes: STERILIZATION WITH VAPOR AT 2.5 BAR 130°C MAX. 30 MINUTES

>>> Aspiration - transportation hoses

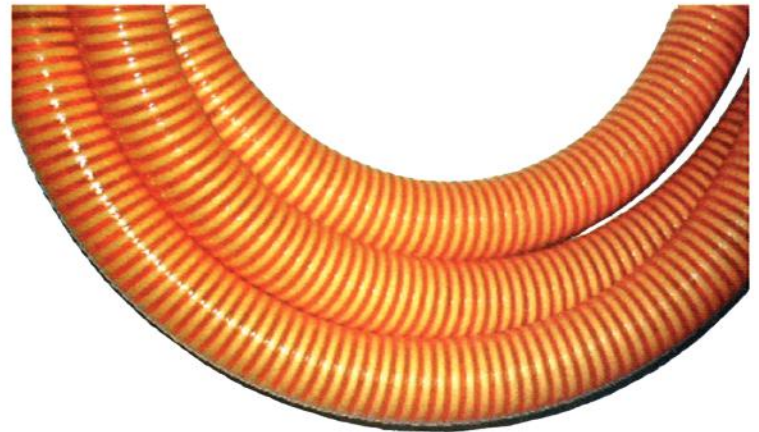
Flexichannel hose

At www.rodavigo.net Family: Pipes and Hoses
Product: Various hoses and tubes

Code	Diameter
155F25	25
155F30	30
155F35	35
155F40	40
155F45	45
155F50	50
155F55	55
155F60	60
155F70	70
155F75	75
155F80	80
155F90	90
155F100	100
155F110	110
155F120	120
155F125	125
155F150	150

Flexible hose made of PVC,
reinforced with PVC spiral cord
Rigid embedded in the hose itself.

- Yellow colour.
- Radius of curvature 5 times its internal diameter.
- Withstands temperatures of -10°C + 50°C.



Flexichannel hose - G

Code	Diameter
155F40G	40
155F45G	45
155F50G	50
155F55G	55
155F60G	60
155F70G	70
155F75G	75
155F80G	80
155F90G	90
155F100G	100
155F110G	110
155F120G	120
155F125G	125
155F150G	150

Flexible hose made of PVC,
reinforced with PVC spiral cord
Rigid embedded in the hose itself.

- Gray.
- Radius of curvature 6 times its internal diameter.
- Withstands temperatures of -10°C + 50°C.
- It can be used in the drainage of cesspools, bilges, mobile tanks, slurry, shipbuilding, public works, etc..



Flexichannel hose - R

Code	Diameter
155F40R	40
155F45R	45
155F50R	50
155F55R	55
155F60R	60
155F70R	70
155F75R	75
155F80R	80
155F90R	90
155F100R	100
155F110R	110
155F120R	120
155F125R	125
155F150R	150

Flexible hose made of PVC,
reinforced with PVC spiral cord
Rigid embedded in the hose itself.

- Red colour.
- Radius of curvature 6 times its internal diameter.
- Withstands temperatures of -10°C + 50°C.



>>> PVC Hoses for Water / Liquids

At www.rodavigo.net Family: Pipes and Hoses
Product: Various hoses and tubes

Crystal Flex Hose

Code	Diameter				Kg/m
	inch."	mm	mm	mm	
155PVC35		3	5	1	0,015
155PVC46		4	6	1	0,019
155PVC58	3/16	5	8	1,5	0,037
155PVC68	1/4	6	8	1	0,027
155PVC69	1/4	6	9	1,5	0,043
155PVC610	1/4	6	10	2	0,062
155PVC710		7	10	1,5	0,049
155PVC810	5/16	8	10	1	0,035
155PVC811	5/16	8	11	1,5	0,055
155PVC812	5/16	8	12	2	0,077
155PVC1013	3/8	10	13	1,5	0,066
155PVC1014	3/8	10	14	2	0,092
155PVC1216	1/2	12	16	2	0,107
155PVC1418		14	18	2	0,123
155PVC1519	5/8	15	19	2	0,130
155PVC1620	5/8	16	20	2	0,138
155PVC1823		18	23	2,5	0,196
155PVC2025	3/4	20	25	2,5	0,216
155PVC2229	7/8	22	29	3,5	0,342
155PVC2531	1	25	31	3	0,322
155PVC3038	1 3/16	30	38	4	0,521



APPLICATION AND PROPERTIES

PVC transparent monolayer flexible hose, crystal colour. Ideal in all cases where high pressures are not required. Intended for gardening, liquid conduction, laboratories and building.

COMPOSITION

Inner tube: transparent plasticized PVC.
Outer cover: transparent plasticized PVC.

Temperature: -5°C to + 60°C (-23°F to + 140°F)

Reinforced Crystal Hose

Code	Diameter				Kg/m	Pressure	
	inch."	mm	mm	mm		bar	PSI
155REFITTEX6	1/4	6	12	3	0,103	20	300
155REFITTEX8	5/16	8	14	3	0,126	20	300
155REFITTEX9	5/16	9	15	3	0,350	20	300
155REFITTEX10	3/8	10	16	3	0,149	20	300
155REFITTEX12	1/2	12	18	3	0,172	12	150
155REFITTEX13	1/2	13	20	3,5	0,185	12	150
155REFITTEX15	5/8	15	21	3	0,207	12	150
155REFITTEX16	5/8	16	22	3	0,270	10	150
155REFITTEX18	3/4	18	24	3	0,302	10	150
155REFITTEX19	3/4	19	26	3,5	0,315	10	150
155REFITTEX22	7/8	22	30	4	0,445	8	120
155REFITTEX25	1	25	33	4	0,440	7	100
155REFITTEX30	1 3/16	30	38	4	0,521	6	90
155REFITTEX32	1 1/4	32	41	4,5	0,685	5	75



APPLICATION AND PROPERTIES

Reinforced flexible tube, in PVC, crystal colour. For sprays and mainly low and medium pressure liquid and gas pipes.

COMPOSITION

Inner tube: transparent plasticized PVC.
Reinforcement: High tenacity synthetic thread.
Outer cover: transparent plasticized PVC. Abrasion resistant.

Safety factor: 3: 1

Temperature: -5°C to + 60°C (-23°F to + 140°F)



>>> Ventilation hoses

Kanalair hose

At www.rodavigo.net Family: Pipes and Hoses
Product: Various hoses and tubes

Code	Diameter						
	inch."	mm	mm	mm	Kg/m	mm	%
155K20	3/4	20	25	2,5	0,12	20	5
155K25	1	25	31	3	0,16	25	5
155K30	1 ^{3/16}	30	36	3	0,2	30	5
155K32	1 ^{1/4}	32	38	3	0,22	32	5
155K35	1 ^{3/8}	35	41	3	0,24	35	5
155K40	1 ^{9/16}	40	46	3	0,28	40	4
155K45	1 ^{3/4}	45	52	3,5	0,36	45	4
155K50	2	50	58	4	0,45	50	4
155K60	2 ^{3/8}	60	68	4	0,54	60	4
155K70	2 ^{3/4}	70	78	4	0,64	70	4
155K75	3	75	83	4	0,69	75	4
155K80	3 ^{1/16}	80	88	4	0,78	80	4
155K90	3 ^{9/16}	90	98	4	0,83	90	4
155K100	4	100	108	4	0,98	100	4
155K110	4 ^{5/16}	110	119	4,5	1,1	110	4
155K120	4 ^{3/4}	120	129	4,5	1,2	120	4
155K125	5	125	134	4,5	1,25	130	4
155K130	5 ^{1/8}	130	139	4,5	1,3	130	4
155K140	5 ^{1/2}	140	149	4,5	1,5	140	4
155K150	6	150	160	5	1,7	150	4
155K160	6 ^{3/8}	160	170	5	1,9	160	4
155K180	7 ^{1/16}	180	190	5	2,2	180	4
155K200	8	200	210	5	2,4	200	4
155K250	10	250	262	6	3	250	4
155K300	12	300	312	6	3,6	300	4



APPLICATION AND PROPERTIES

PVC reinforced hose with rigid PVC spiral.
Intended for the suction and discharge of fumes, gases, powders, chips and sawdust. Used in wood ventilation machines, textile and ceramic industries.

COMPOSITION

Inner tube: smooth soft flexible PVC. Gray.
Reinforcement: Rigid white PVC spiral embedded in the hose.
Outer cover: flexible gray PVC - Abrasion and ozone resistant.
Temperature: -5°C to + 60°C (-23°F to + 140°F)

Thermo-resistant hose

Code	Diameter						
	inch."	mm	mm	mm	Kg/m	mm	%
155TRT40	1 ^{9/16}	40	43	1,5	0,25	40	3
155TRT45	1 ^{3/4}	45	48	1,5	0,205	45	3
155TRT50	2	50	54	2	0,215	50	3
155TRT60	2 ^{3/8}	60	64	2	0,23	60	3
155TRT70	2 ^{3/4}	70	74	2	0,27	70	3
155TRT75	3	75	79	2	0,29	75	3
155TRT80	3 ^{1/16}	80	84	2	0,31	80	3
155TRT90	3 ^{9/16}	90	94	2	0,345	90	3
155TRT100	4	100	104	2	0,38	100	3
155TRT110	4 ^{5/16}	110	114	2	0,45	110	3
155TRT120	4 ^{3/4}	120	124	2	0,46	120	3
155TRT125	5	125	129	2	0,47	125	2
155TRT130	5 ^{1/8}	130	134	2	0,49	130	2
155TRT140	5 ^{1/2}	140	144	2	0,525	140	2
155TRT150	6	150	154	2	0,56	150	2
155TRT160	6 ^{3/8}	160	164	2	0,595	160	2
155TRT180	7 ^{1/16}	180	184	2	0,69	180	2
155TRT200	8	200	204	2	0,865	200	1
155TRT250	10	250	254	2	1,1	250	0,5
155TRT300	12	300	304	2	1,32	300	0,3
155TRT350	14	350	354	2	1,785	350	0,3
155TRT400	16	400	405	2,5	2,04	400	0,2



APPLICATION AND PROPERTIES

Hose in fiberglass fabric between flexible and self-extinguishing PVC layers with reinforcing spiral in plasticized steel and welded to the fiberglass fabric.

It is not drilled by incandescent slag and chips.
Withstands high temperatures.
Intended for the extraction of harmful gases and welding

COMPOSITION

Inner Tube: Fiberglass fabric mixed between PVC layers. Gray.
Reinforcement: Steel spiral coated with white PVC.
Outer cover: Fiberglass fabric mixed between PVC layers. Gray.
Temperature: -15°C to + 130°C (5°F to + 270°F)

>>> Hydraulic tubes

R1T hydraulic tube

R2T hydraulic tube

Code	DN	Inch
153R1T316	5	3/16
153R1T14	6	1/4
153R1T516	8	5/16
153R1T38	10	3/8
153R1T12	12	1/2
153R1T58	16	5/8
153R1T34	20	3/4
153R1T1	25	1
153R1T114	32	1 ^{1/4}
153R1T112	38	1 ^{1/2}
153R1T2	50	2



Code	DN	Inch
153R2T316	5	3/16
153R2T14	6	1/4
153R2T516	8	5/16
153R2T38	10	3/8
153R2T12	12	1/2
153R2T58	16	5/8
153R2T34	20	3/4
153R2T1	25	1
153R2T114	32	1 ^{1/4}
153R2T112	38	1 ^{1/2}
153R2T2	50	2



4SP multi-spiral tube

4SH multi-spiral tube

Code	DN	Inch
1534SP14	6	1/4
1534SP38	10	3/8
1534SP12	12	1/2
1534SP58	16	5/8
1534SP34	20	3/4
1534SP1	25	1
1534SP114	32	1 ^{1/4}
1534SP112	38	1 ^{1/2}
1534SP2	50	2



Code	DN	Inch
1534SH34	20	3/4
1534SH1	25	1
1534SH114	32	1 ^{1/4}
1534SH112	38	1 ^{1/2}
1534SH2	50	2



R1A hydraulic tube

R2A hydraulic tube

Code	DN	Inch
153R1A316	5	3/16
153R1A14	6	1/4
153R1A516	8	5/16
153R1A38	10	3/8
153R1A12	12	1/2
153R1A58	16	5/8
153R1A34	20	3/4
153R1A1	25	1
153R1A114	32	1 ^{1/4}
153R1A112	38	1 ^{1/2}
153R1A2	50	2



Code	DN	Inch
153R2A316	5	3/16
153R2A14	6	1/4
153R2A516	8	5/16
153R2A38	10	3/8
153R2A12	12	1/2
153R2A58	16	5/8
153R2A34	20	3/4
153R2A1	25	1
153R2A114	32	1 ^{1/4}
153R2A112	38	1 ^{1/2}
153R2A2	50	2



R2AT pressure washer tube

1SC pressure washer tube

Code	DN	Inch	Colour
153MC0205N	8	5/16	BLACK
153MC0206N	10	3/8	BLACK
153MC0204G	6		GRAY
153MC0205G	8		GRAY
153MC0206G	10		GRAY



Code	DN	Inch
153MC0115N	8	5/16
153MC0116N	10	3/8





>>> Hydraulic pipes

At www.rodavigo.net Family: Pipes and Hoses
Product: High pressure hose

Teflon FHL hose

Teflon FHM hose

Code DN Inch

153FHL316	5	3/16
153FHL14	6	1/4
153FHL516	8	5/16
153FHL38	10	3/8
153FHL12	13	1/2
153FHL58	16	5/8
153FHL34	20	3/4
153FHL1	25	1



Code DN Inch

153FHM316	5	3/16
153FHM14	6	1/4
153FHM516	8	5/16
153FHM38	10	3/8
153FHM12	13	1/2
153FHM58	16	5/8
153FHM34	20	3/4
153FHM1	25	1



SAE 100 R7 thermoplastic hose

SAE 100 R7 two tubes thermoplastic hose

Code DN Inch

153R718	4	1/8
153R7316	5	3/16
153R714	6	1/4
153R7516	8	5/16
153R738	10	3/8
153R712	12	1/2
153R758	16	5/8
153R734	20	3/4
153R71	25	1



Code DN Inch

153R7316B	5	3/16
153R714B	6	1/4
153R7516B	8	5/16
153R738B	10	3/8
153R712B	12	1/2

