

INDUSTRIAL HOSES - material handling

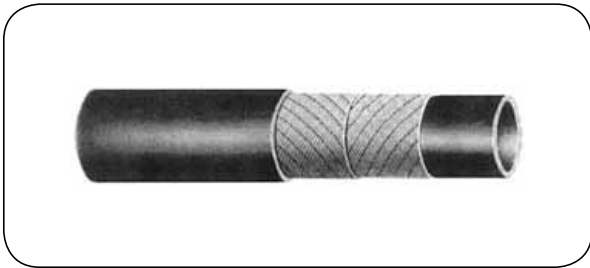


ORINOCO 2000®

- Internal layer:** Black, antistatic SBR/NR rubber compound
Reinforcement: Double synthetic braid
External layer: Black, antistatic SBR/NR rubber compound
Working temp.: From -40°C up to +70°C

Heavy duty, long-lasting hose extremely resistant to abrasion. Widely used for sandblasting, shot-blasting (cast steel shot). Resistant to abrasion according to ISO 4649: 50 mm³. For application with sandblasting couplings as a standard.

code	I.D. [mm]	O.D. [mm]	working pressure [bar]	bursting pressure [bar]	weight [kg/m]	standard length [m]
IV-ORINOCO2000-13	13	27	12	36	0.48	120
IV-ORINOCO2000-19	19	33	12	36	0.61	120
IV-ORINOCO2000-25	25	40	12	36	0.82	120
IV-ORINOCO2000-32	32	48	12	36	1.06	120
IV-ORINOCO2000-38	38	54	12	36	1.22	120
IV-ORINOCO2000-40	40	60	12	36	1.70	120
IV-ORINOCO2000-51	51	71	12	36	2.04	120
IV-ORINOCO2000-60	60	80	12	36	2.28	120
IV-ORINOCO2000-65	65	85	12	36	2.43	120



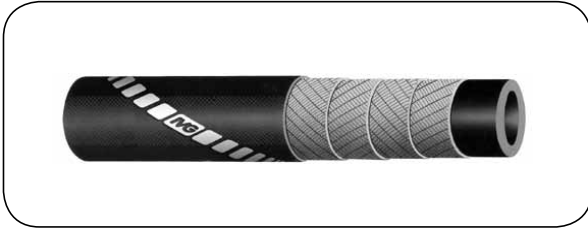
SM 1

- Internal layer:** Black, antistatic rubber compound
Reinforcement: Double synthetic braid
External layer: Black, antistatic SBR rubber
Working temp.: From -35°C up to +80°C

Heavy duty, long-lasting hose extremely resistant to abrasion. Widely used for sandblasting, shot-blasting (cast steel shot). Resistant to abrasion according to DIN 53516: 36 mm³. For application with sandblasting couplings as a standard.

code	I.D. [mm]	O.D. [mm]	working pressure [bar]	bursting pressure [bar]	weight [kg/m]	standard length [m]
SP-SM1-13	13	27	12	42	0.50	40
SP-SM1-19	19	33	12	42	0.65	40
SP-SM1-25	25	39	12	42	0.80	40
SP-SM1-32	32	48	12	42	1.10	40
SP-SM1-38	38	56	12	42	1.50	40
SP-SM1-42	42	60	12	42	1.65	40

INDUSTRIAL HOSES - material handling



NIAGARA®

Internal layer: Black SBR/NR rubber compound
Reinforcement: Synthetic braid
External layer: Black SBR/NR rubber compound
Working temp.: From -40°C up to +70°C

Hose designed to transfer cement mortar, plaster, gypsum and concrete. Antistatic, resistant to abrasion, ozone and weather conditions. Resistant to abrasion according to ISO 4649: 70 mm³. For application with mortar couplings as a standard.

code	I.D. [mm]	O.D. [mm]	working pressure [bar]	bursting pressure [bar]	weight [kg/m]	standard length [m]
IV-NIAGARA-25	25	38	40	120	0.68	120
IV-NIAGARA-32	32	46	40	120	0.89	120
IV-NIAGARA-35	35	49	40	120	0.95	120
IV-NIAGARA-38	38	54	40	120	1.24	120
IV-NIAGARA-51	51	68	40	120	1.71	120



DRY ICE

Internal layer: Black, antistatic synthetic rubber
Reinforcement: Synthetic braid
External layer: Black, antistatic synthetic rubber
Working temp.: Up to -55°C

Heavy duty, long-lasting hose resistant to abrasion. Widely used for dry ice blasting (dry ice blast cleaning is similar to sandblasting). Antistatic - R < 10⁶ Ω/m.

code	I.D. [mm]	O.D. [mm]	working pressure [bar]	bursting pressure [bar]	weight [kg/m]	standard length [m]
IV-DRYICE-16	16	28	10	40	0.43	60
IV-DRYICE-19	19	31	10	40	0.48	60



BETONCINO

Internal layer: PVC layer lined with polyurethane
Reinforcement: Double polyester braid
External layer: PVC and polyurethane compound
Working temp.: From -15°C up to +60°C

Light, flexible hose designed to deliver cement, plaster and cement mortar that are applied on walls and ceilings.

code	I.D. [mm]	O.D. [mm]	working pressure [bar]	bursting pressure [bar]	bending radius [mm]	weight [kg/m]	standard length [m]
ME-BETONCINO-25	25	37	40	100	145	0.72	30

INDUSTRIAL HOSES - material handling



SILOFLAT® DISCHARGE

Internal layer: Black NR rubber
Reinforcement: Textile braid
External layer: Black SBR rubber
Working temp.: From -30°C up to +80°C

Hose designed for unloading of silos storing grain, dry cement, lime, etc (no pressure discharge). Electrically conductive internal layer. Resistant to abrasion according to DIN 53516:70 ÷ 80 mm³.

code	I.D. [mm]	O.D. [mm]	wall thickness [mm]	standard length [m]
BG-SILOFLAT-DC-152	152	166	7	20
BG-SILOFLAT-DC-203	203	217	7	20
BG-SILOFLAT-DC-254	254	270	8	20
BG-SILOFLAT-DC-305	305	323	9	10



CERAHOSE

Internal layer: Ceramic balls (3 mm diameter) embedded in NR
Reinforcement: Textile braid
External layer: Black NR rubber
Working temp.: From -30°C up to +70°C

Delivery hose designed to convey highly abrasive materials e.g. dry cement, coal, coke, solid recovered fuels, minerals, ceramic powders, cast steel shot, glass debris or fibreglass debris. Widely used in steel mills, coke plants, power plants, cement mills, mines, glass works, insulation materials factories, etc. Hose versions supplied on special request: suction-delivery, with antistatic wire or corrugated external layer. Complete hose assemblies with vulcanized fittings are also available.

code	I.D. [mm]	O.D. [mm]	working pressure [bar]	bending radius [mm]	number of braids	weight [kg/m]
SU-CERAHOSE-013	12.7	28	10	120	2	0.80
SU-CERAHOSE-016	15.9	31.5	10	150	2	0.90
SU-CERAHOSE-019	19	38	10	190	2	1.40
SU-CERAHOSE-025	25.4	45.5	10	250	2	1.80
SU-CERAHOSE-032	31.8	52	10	320	2	2.00
SU-CERAHOSE-038	38.1	58	10	380	2	2.30
SU-CERAHOSE-045	44.5	65.5	10	450	2	2.80
SU-CERAHOSE-051	50.8	76	10	500	4	4.00
SU-CERAHOSE-063	63.5	90	10	650	4	4.80
SU-CERAHOSE-076	76.2	103.5	10	750	4	5.60
SU-CERAHOSE-102	101.6	131	10	1000	4	7.90

A comparison of rubber and ceramic hose service lives

application	medium	life of rubber hose	life of ceramic hose
coke transfer	coke	unusable after 6 coke charges	minor signs of abrasion after 300 coke charges
shot-blasting	cast steel shot 1 ÷ 2 mm diameter	unusable after 2 months	no signs of abrasion after 10 months

INDUSTRIAL HOSES - material handling



SHANNON / 80 HD®

Internal layer: Black SBR/NR rubber compound
Reinforcement: Four steel wire braids up to DN125
 Six steel wire braids DN152
External layer: Black SBR/NR rubber compound
Working temp.: From -40°C up to +70°C

Hardwall, delivery hose designed to transfer concrete and cement mortar. Highly resistant to abrasion, ozone and weather conditions. Widely used in pumps to pour concrete into a casting location (foundations, walls, floor). Delivered as a complete hose assembly with groove couplings. When placing an order, please state: overall length, hose diameter and the size of a coupling. Resistant to abrasion according to DIN 53516: 50 mm³.

code	I.D. [mm]	O.D. [mm]	working pressure [bar]	bursting pressure [bar]	weight [kg/m]	bending radius [mm]
IV-SHAN80-051L	51	71.5	80	200	3.38	380
IV-SHAN80-065L	65	85	80	200	4.11	400
IV-SHAN80-076L	76	97	80	200	4.92	400
IV-SHAN80-100	100	124	80	200	6.87	550
IV-SHAN80-125	125	150	80	200	8.69	700
IV-SHAN80-152	152	184	80	175	14.25	800

Groove couplings used with SHANNON® hoses


picture	code	hose DN [mm]	size [inch]	description
	IV-SHAN-ZR-ZK-051-200	51	2	Groove coupling with a hose fitting + ferrule. Material: carbon steel. Depth of coupling hardening: 0.6 ÷ 0.8 mm Hardness: 56 ÷ 58 HRC.
	IV-SHAN-ZR-ZK-065-300	65	3	
	IV-SHAN-ZR-ZK-076-300	76	3	
	IV-SHAN-ZR-ZK-076-325	76	3.1/4	
	IV-SHAN-ZR-ZK-100-400	100	4	
	IV-SHAN-ZR-ZK-100-450	100	4.1/2	
	IV-SHAN-ZR-ZK-125-500	125	5	
	IV-SHAN-ZR-ZK-125-550	125	5.1/2	
	IV-SHAN-ZR-ZK-152-600	152	6	


Basic dimensions of a groove coupling


picture	size [inch]	hose DN [mm]	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]
	2	51	50	60	16	18	57
	3	65	65	89	16	20	84
	3	76	76	89	16	20	84
	3.1/4	76	76	97	16	20	88
	4	100	100	114	16	20	108
	4.1/2	100	100	127	16	20	114
	5	125	125	141	17	20	133
	5.1/2	125	125	148	17	20	139
	6	152	150	167	17	20	159




INDUSTRIAL HOSES - material handling

Groove couplings used with SHANNON® hoses

picture	code	size [inch]	description
	IV-SHAN-ZR-OB-200	2	Snap clamp of a groove coupling without a gasket or a safety pin. Material: carbon steel. Working pressure: 80 bar.
	IV-SHAN-ZR-OB-250	2.1/2	
	IV-SHAN-ZR-OB-300	3	
	IV-SHAN-ZR-OB-325	3.1/4	
	IV-SHAN-ZR-OB-400	4	
	IV-SHAN-ZR-OB-450	4.1/2	
	IV-SHAN-ZR-OB-500	5	
	IV-SHAN-ZR-OB-550	5.1/2	
	IV-SHAN-ZR-OB-600	6	

picture	code	size [inch]	description
	IV-SHAN-ZR-OU-200	2	Gasket for a snap clamp of a groove coupling. Material: SBR rubber.
	IV-SHAN-ZR-OU-250	2.1/2	
	IV-SHAN-ZR-OU-300	3	
	IV-SHAN-ZR-OU-325	3.1/4	
	IV-SHAN-ZR-OU-400	4	
	IV-SHAN-ZR-OU-450	4.1/2	
	IV-SHAN-ZR-OU-500	5	
	IV-SHAN-ZR-OU-550	5.1/2	
	IV-SHAN-ZR-OU-600	6	

picture	code	dimensions [mm]	description
	IV-SHAN-ZR-OZ-56X6	56x6.5	Safety pin of a clamp.
	IV-SHAN-ZR-OZ-70X6	70x6.5	
	IV-SHAN-ZR-OZ-70X8	70x8	

picture	code	diameter [mm]	description
	IV-SHAN-KM-060	60	Cleaning ball for SHANNON hoses (soft).
	IV-SHAN-KM-080	80	
	IV-SHAN-KM-100	100	
	IV-SHAN-KM-125	125	
	IV-SHAN-KM-150	150	
	IV-SHAN-KS-060	60	Cleaning ball for SHANNON hoses (medium).
	IV-SHAN-KS-080	80	
	IV-SHAN-KS-100	100	
	IV-SHAN-KS-125	125	
	IV-SHAN-KS-150	150	
	IV-SHAN-KT-060	60	Cleaning ball for SHANNON hoses (hard).
	IV-SHAN-KT-080	80	
	IV-SHAN-KT-100	100	
	IV-SHAN-KT-125	125	
	IV-SHAN-KT-150	150	

INDUSTRIAL HOSES - material handling



PARAFLEX®

Internal layer: 2.4 mm layer of black rubber
Reinforcement: Synthetic braid, steel wire helix
External layer: Black, corrugated rubber
Working temp.: From -40°C up to +70°C

Lightweight, suction-delivery hose designed to transfer powders, dust and other low abrasive materials. Resistant to abrasion according to ISO 4649: 100 mm³. Vacuum up to 0.6 bar.

code	I.D. [mm]	O.D. [mm]	weight [kg/m]	bending radius [mm]	standard length [m]
IV-PARAFLEX-051	51	59	0.90	130	120
IV-PARAFLEX-060	60	68	1.10	150	120
IV-PARAFLEX-080	80	88	1.40	240	120
IV-PARAFLEX-102	102	113	1.96	300	120
IV-PARAFLEX-110	110	121	1.99	330	120
IV-PARAFLEX-120	120	131	2.16	360	120
IV-PARAFLEX-127	127	138	2.28	380	120
IV-PARAFLEX-152	152	163	2.74	460	120
IV-PARAFLEX-203	203	215	4.02	810	120
IV-PARAFLEX-250	250	262	4.97	1000	120
IV-PARAFLEX-305	305	318	6.94	1220	120



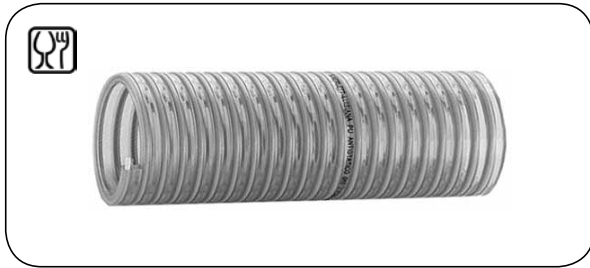
ULVAC®

Internal layer: Brown natural rubber
Reinforcement: Synthetic braid, steel wire helix
External layer: Black, corrugated NR/SBR rubber
Working temp.: From -30°C up to +70°C

Lightweight, flexible, suction-delivery hose designed to transfer sand, grain, granulated materials, cement and other highly abrasive materials. The hose features copper wires to ensure electrical conductivity. Resistant to ozone and weather conditions. Vacuum up to 0.9 bar.

code	I.D. [mm]	O.D. [mm]	working pressure [bar]	bursting pressure [bar]	weight [kg/m]	bending radius [mm]	standard length [m]
IV-ULVAC-051	51	65	3	9	1.62	250	60
IV-ULVAC-076	76	90	3	9	2.57	450	60
IV-ULVAC-102	102	117	3	9	3.51	600	60
IV-ULVAC-127	127	145	3	9	4.82	850	60
IV-ULVAC-152	152	171	2	6	6.84	990	60

INDUSTRIAL HOSES - material handling

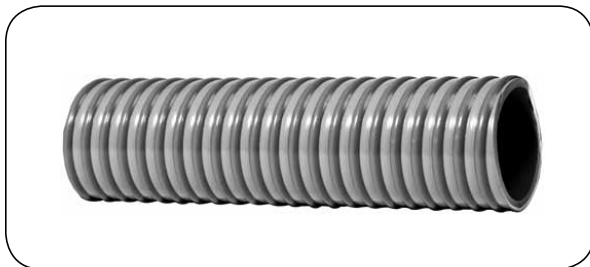


LUISIANA PU ANTISTATIC

Internal layer: Transparent polyurethane
Reinforcement: Rigid PVC wire helix
External layer: Transparent PVC
Working temp.: From -5°C up to +85°C

Robust, suction-delivery hose designed to transfer products with the high coefficient of friction. Especially recommended for the transfer of sharp particles - so called reclaimed materials. There is a copper wire going around the helix that enables discharging static electrical charges when the hose is grounded ($R = 0.075 \Omega/m$). The hose for heavy duty applications, particularly used in plastic processing where enhanced resistance to abrasion, perforation or cutting is needed. Meets the requirements of the European Regulation 1935/2004 CE, UE 10/2011 (simulants A, B and C).

code	I.D. [mm]	O.D. [mm]	working pressure [bar]	bending radius [mm]	weight [kg/m]	standard length [m]
ME-LUISIANA-PUAS-030	30	37.5	5	150	0.45	30
ME-LUISIANA-PUAS-040	40	48	5	200	0.63	30
ME-LUISIANA-PUAS-050	50	59	4	250	0.90	30
ME-LUISIANA-PUAS-060	60	70.5	4	300	1.10	30
ME-LUISIANA-PUAS-070	70	81	4	350	1.20	30
ME-LUISIANA-PUAS-076	76	87	3.5	375	3.00	30
ME-LUISIANA-PUAS-080	80	91.5	3.5	400	1.35	30
ME-LUISIANA-PUAS-090	90	102	3.5	450	1.50	30
ME-LUISIANA-PUAS-100	100	113	3	500	1.80	30



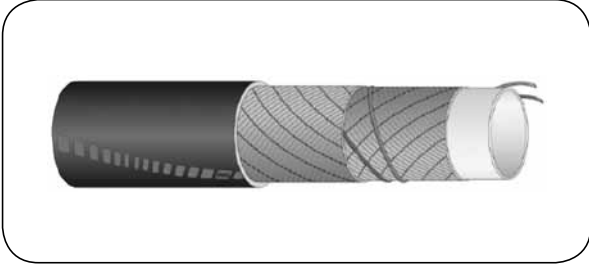
MULTIFLEX PU AS

Internal layer: Blue polyurethane
Reinforcement: Rigid PVC wire helix
External layer: PVC
Working temp.: From -20°C up to +60°C

Robust, flexible, smooth bore hose designed to transfer abrasive materials such as: grain, cement, granules, etc. The hose has an antistatic wire.

code	I.D. [mm]	working pressure 20°C [bar]	vacuum [bar]	bending radius [mm]	weight [kg/m]	standard length [m]
FT-MULTIFLEX-PUAS-051	51	6	0.9	220	1.14	50
FT-MULTIFLEX-PUAS-076	76	5	0.9	300	1.80	50
FT-MULTIFLEX-PUAS-102	102	5	0.9	400	2.85	30
FT-MULTIFLEX-PUAS-127	127	5	0.9	600	4.13	30
FT-MULTIFLEX-PUAS-152	152	4	0.9	800	5.40	20

INDUSTRIAL HOSES - material handling



DON/BN SPECIAL®

Internal layer: White NR/SBR rubber

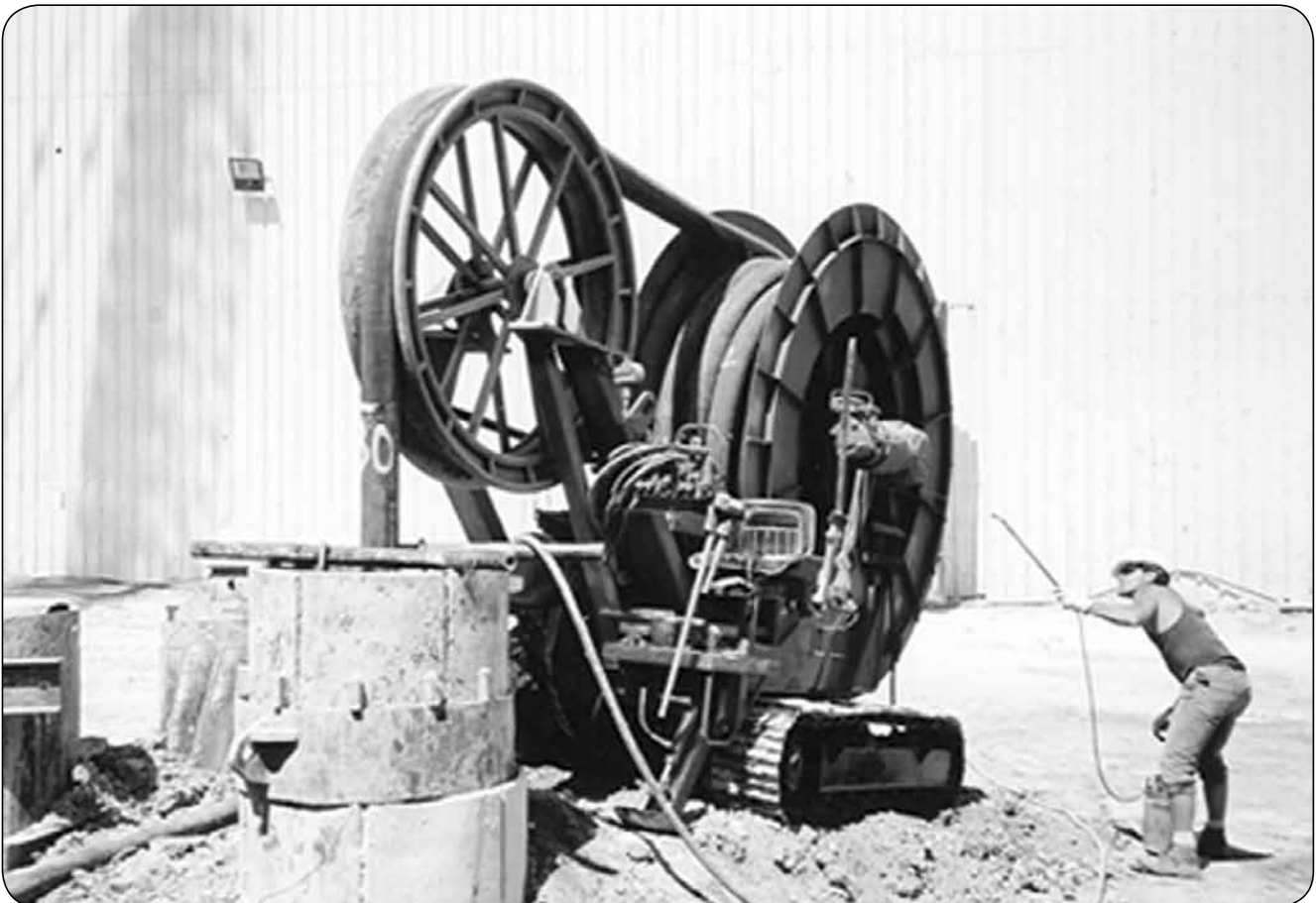
Reinforcement: Textile braid

External layer: Black EPDM rubber

Working temp.: From -30°C up to +70°C

Robust, delivery hose designed to transfer foodstuffs with the high coefficient of friction such as: sugar, grain, powders, granulated materials. Complies with FDA standards. The hose features copper wires to ensure electrical conductivity. Electrically conductive external layer. Resistant to abrasion according to ISO 4649: 180 mm³.

code	I.D. [mm]	O.D. [mm]	working pressure [bar]	bursting pressure [bar]	standard length [m]
IV-DON-BNS-038	38	56	8	24	60
IV-DON-BNS-051	51	69	8	24	60
IV-DON-BNS-075	75	95	8	24	60
IV-DON-BNS-080	80	102	8	24	60
IV-DON-BNS-090	90	112	8	24	60
IV-DON-BNS-102	102	125	8	24	60
IV-DON-BNS-110	110	130	8	18	60



INDUSTRIAL HOSES - material handling



VOLGA / BN SPECIAL®

Internal layer: White NR/SBR compound
Reinforcement: Synthetic braid, steel wire helix
External layer: Black EPDM rubber
Working temp.: From -40°C up to +70°C

Robust, suction-delivery hose designed to transfer foodstuffs with the high coefficient of friction such as: sugar, grain, powders, granulated materials. The hose features copper wires to ensure electrical conductivity. Resistant to abrasion according to ISO 4649: 180 mm³. Vacuum up to 0.9 bar.

code	I.D. [mm]	O.D. [mm]	working pressure [bar]	bursting pressure [bar]	bending radius [mm]	weight [kg/m]	standard length [m]
IV-VOLGA-BNS-038	38	56	8	24	209	1.96	120
IV-VOLGA-BNS-051	51	69	8	24	280	2.50	120
IV-VOLGA-BNS-065	65	79.5	8	24	358	2.63	120
IV-VOLGA-BNS-075	75	95	8	24	413	4.24	120
IV-VOLGA-BNS-080	80	102	8	24	440	4.95	120
IV-VOLGA-BNS-090	90	114.5	8	24	485	6.02	120
IV-VOLGA-BNS-102	102	126	8	24	561	6.79	120
IV-VOLGA-BNS-110	110	130	6	18	605	6.22	120



VOLGA SUPER®

Internal layer: Black, antistatic SBR/NR compound
Reinforcement: Synthetic braid, steel wire helix
External layer: Black EPDM rubber
Working temp.: From -30°C up to +70°C

Hose designed to transfer cement, sand, gravel, animal feed, seeds and other highly abrasive materials. The hose features copper wires to ensure electrical conductivity. Resistant to abrasion, ozone and weather conditions. Resistant to abrasion according to ISO 4649: 50 mm³.

code	I.D. [mm]	O.D. [mm]	working pressure [bar]	bursting pressure [bar]	vacuum [bar]	weight [kg/m]	standard length [m]
IV-VOLGAS-051	51	69	6	18	0.9	2.20	60
IV-VOLGAS-060	60	76	6	18	0.9	2.62	60
IV-VOLGAS-070	70	86	6	18	0.9	2.98	60
IV-VOLGAS-076	76	95	6	18	0.9	3.29	60
IV-VOLGAS-080	80	99	6	18	0.9	3.44	60
IV-VOLGAS-085	85	105	6	18	0.9	3.85	60
IV-VOLGAS-090	90	110	6	18	0.9	4.14	60
IV-VOLGAS-102	102	124	6	18	0.9	5.42	60
IV-VOLGAS-110	110	134	6	18	0.9	6.87	60
IV-VOLGAS-125	125	151	6	18	0.9	7.43	60
IV-VOLGAS-152	152	178.5	6	18	0.8	11.36	60
IV-VOLGAS-203	203	232	6	18	0.8	15.78	60
IV-VOLGAS-254	254	290	6	18	0.8	23.43	60

INDUSTRIAL HOSES - material handling

VOLGA FRA® system - for easy hose connection

A system designed for fast, easy and economic connection and disconnection of VOLGA FRA® hoses.

Advantages of the system:

- assembly of any number of hoses of different length,
- easy assembly and disassembly,
- reusable connecting parts,
- fast replacement of used or damaged parts,
- leak-tightness at working pressure up to 10 bar and full vacuum.

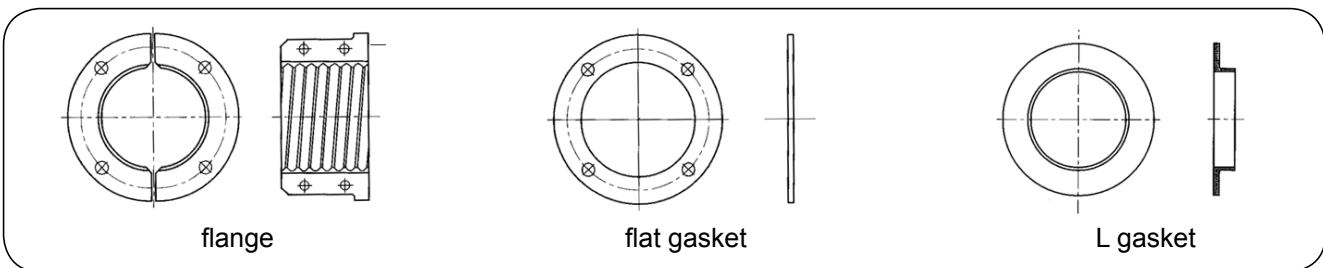


VOLGA FRA - ABR®

- Internal layer:** Black, antistatic NR/SBR rubber compound
- Reinforcement:** Synthetic braid, steel wire helix
- External layer:** Black, corrugated, synthetic rubber
- Working temp.:** From -40°C up to +70°C

Hose designed to transfer cement, sand, gravel, animal feed, seeds and other hard, highly abrasive materials. There are two more hose options also available: FOOD - for food products and CHEM - for chemicals. The hose features copper wires to ensure electrical conductivity. Resistant to ozone, weather conditions and abrasion, according to ISO 4649: 70 mm³.

code	I.D. [mm]	O.D. [mm]	working pressure [bar]	bursting pressure [bar]	weight [kg/m]	standard length [m]
IV-VOLGA-ABR-051	51	83	10	30	3.75	60
IV-VOLGA-ABR-065	65	96	10	30	4.50	60
IV-VOLGA-ABR-080	80	112	10	30	5.81	60
IV-VOLGA-ABR-100	100	132	10	30	6.85	60
IV-VOLGA-ABR-125	125	157	10	30	8.26	60
IV-VOLGA-ABR-150	150	182	10	30	11.50	60
IV-VOLGA-ABR-200	200	233	10	30	15.12	60
IV-VOLGA-ABR-250	250	287	10	30	20.46	12
IV-VOLGA-ABR-300	300	340.5	10	30	26.50	12

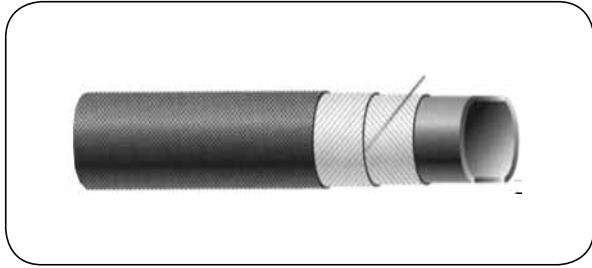


hose I.D. [mm]	flange PN10 - DIN 2576	flat gasket*	L gasket **
51	IV-4205084	IV-4705084	IV-4750115
65	IV-4206580	IV-4706584	IV-4765115
80	IV-4208084	IV-4708084	IV-4780115
100	IV-4210084	IV-4710084	IV-4710115
125	IV-4212584	IV-4712584	IV-4712115
150	IV-4215084	IV-4715084	IV-4715115
200	IV-4220084	IV-4720084	IV-4720115
250	IV-4225084	IV-4725084	IV-4725115
300	IV-4230080	IV-4730084	IV-4730115

* gasket for dry and loose products

** gasket for liquid products

INDUSTRIAL HOSES - material handling



SOSH

Internal layer: Black SBR/NBR/BR rubber compound
Reinforcement: Double textile braid
External layer: Black SBR rubber
Working temp.: From -35°C up to +80°C

Flexible, delivery hose designed to transfer concrete, cement, sand, gravel, animal feed, seeds, etc. Widely used for filling and discharging of silos, storage bins, tank trucks. Both internal and external layers are antistatic. The hose features copper wires to ensure electrical conductivity. Safety factor 3.15:1.

code	I.D. [mm]	O.D. [mm]	wall thickness [mm]	working pressure [bar]	bending radius [mm]	weight [kg/m]	standard length [m]
SP-483847590	75	93	9	6	550	2.70	40
SP-483847511	75	97	11	6	550	3.50	40
SP-563849010	90	110	10	6	650	3.70	40
SP-563840011	100	122	11	6	750	4.55	40
SP-563840111	110	132	11	6	850	4.70	40
SP-563840312	125	149	12	6	950	6.25	40
SP-563840612	150	174	12	6	1200	7.15	40



SMSP

Internal layer: Black SBR/NBR/BR rubber compound
Reinforcement: Double textile braid, steel wire helix
External layer: Black SBR rubber
Working temp.: From -35°C up to +80°C

Flexible, suction-delivery hose designed to transfer concrete, cement, sand, gravel, animal feed, seeds, etc. Widely used for filling and discharging of silos, storage bins, tank trucks. Both internal and external layers are antistatic. The hose features copper wires to ensure electrical conductivity. Safety factor 3.15:1.

code	I.D. [mm]	O.D. [mm]	wall thickness [mm]	working pressure [bar]	bending radius [mm]	weight [kg/m]	standard length [m]
SP-563825075	50	65	7.5	6	300	1.85	40
SP-563827575	75	90	7.5	6	450	2.65	40
SP-563820080	100	116	8	6	600	3.95	40
SP-563820180	110	126	8	6	650	4.35	40
SP-563820390	125	143	9	6	750	5.80	40
SP-563821390	127	145	9	6	750	5.90	40
SP-563820690	150	168	9	6	950	7.75	40
SP-563821810	203	223	10	6	1500	10.75	15.5

INDUSTRIAL HOSES - material handling



DRAGASTEEL®

Internal layer: Black, antistatic SBR/NR rubber compound
Reinforcement: Steel wire braids
External layer: Black CR rubber
Working temp.: From -40°C up to +70°C

Delivery hose developed to transfer sand, gravel mixed with water in deepening or dredging of the seabed. The construction of the hose (layers of steel wire braid separated by layers of rubber) ensures high flexibility therefore it can be used to transport dredging spoil from a dredger to some different location where it is disposed. The external layer is resistant to sea water, oil, abrasion and weather conditions. Supplied as a complete hose assembly with built-in (vulcanized), rubber protected flanges. Versions with different diameters or higher working pressure available on request.

code	I.D. [mm]	O.D. [mm]	working pressure [bar]	bursting pressure [bar]	weight [kg/m]	standard length [m]
IV-DRAGASTEEL-200	200	246	15	45	21	12
IV-DRAGASTEEL-250	254	310	15	45	32	12
IV-DRAGASTEEL-300	300	354	15	45	35	12
IV-DRAGASTEEL-350	350	401	15	45	42	12
IV-DRAGASTEEL-400	400	446	15	45	43	12
IV-DRAGASTEEL-500	500	551	15	45	77	12



ALBERT®

Internal layer: Black, antistatic SBR/NR rubber compound
Reinforcement: Synthetic braid, steel wire helix
External layer: Black, corrugated SBR rubber
Working temp.: From -40°C up to +70°C

Suction-delivery hose developed to transfer sand, gravel mixed with water in deepening or dredging of the seabed. Widely used for the suction of dredging spoil (pulp) from the bed of a water area. The external layer is resistant to sea water, oil, abrasion and weather conditions. Supplied as a complete hose assembly with built-in (vulcanized), rubber protected flanges or enlarged ends. Other diameters available on request.

code	I.D. [mm]	vacuum [bar]	bending radius [mm]	weight [kg/m]	standard length [m]
IV-ALBERT-200	200	0.9	2200	19	12
IV-ALBERT-250	254	0.9	2500	27	12
IV-ALBERT-300	300	0.9	3000	38	12
IV-ALBERT-350	350	0.9	4300	50	12
IV-ALBERT-450	450	0.9	5300	63	12