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sealing & shielding



Material Handling



ENGINEERING YOUR SUCCESS.



H – Material Handling

Hose	ID Range (mm)	Temp. Range (°C)	Application
LIBECCIO EN ISO 3861	19 - 100	-30 / +70	wet abd dry sand and cement
CEMENT 713 10	50 - 100	-30 / +70	wet abd dry sand and cement
CEMENT SM 10	50 - 125	-30 / +70	wet abd dry sand and cement
VIBRACORD 10	25 - 30	-20 / +80	pneumatic vibrators for concrete
INTONACATRICI 40	25 - 65	-30 / +70	wet abd dry sand and cement
BETON 80	51 - 125	-40 / +70	high pressure concrete pumping
CERGOM	25 - 200	-30 / +70	high abrasive materials



	Tube	Reinforcement	Cover	WP (bar)	Safety factor	Suction	Industry standard	Page
	BR/NR	textile	SBR/NBR	10	4		EN ISO 3861	H4
	BR/NR	textile + copper wires	SBR	10	3			H5
	BR/NR	textile	SBR	10	3	yes		H6
	SBR	textile	SBR	10	3			H7
	BR/NR	textile	SBR	40	3			H8
	NR/SBR	steel wire	NR/SBR	80	2.5			H9
	CERAMIC	textile + copper wires	SBR/NBR	6	3	yes		H10



LIBECCIO EN ISO 3861

According to EN ISO 3861

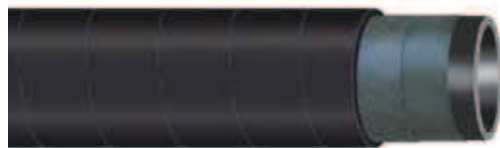
Suitable for conveying of wet and dry sand and grit blasting materials.

Hose Construction

Tube: Smooth, black, antistatic, abrasion resistant BR/NR rubber compound. Abrasion according to ISO 4649: max. 60 - 70 mm³

Reinforcement: Synthetic textile fabrics

Cover: Black, smooth, antistatic, weather and abrasion resistant SBR/NBR compound. The cover is pinpricked to prevent blistering and bubbling, max. resistance on finished hose: 2,0 MΩ/m








- Exceeds EN ISO 3861 requirements
- Robust and light version available
- Construction, general industry, shipyards
- Burst Pressure Value 4:1

Tolerances

According to RMA steel mandrel
Refer to Technical Handbook on page TH34

Temperature Range

-30 °C (-22 °F) to +70 °C (+158 °F)

Part Number				Working Pressure					in Stock
	I.D. (mm)	O.D. (mm)		MPa	psi	bar			
IH36820300/40	19	33	1.0	150.0	10	0.69	190	Y	
IH36820200/40	25	40	1.0	150.0	10	0.92	250	Y	
IH36820201/40	30	45	1.0	150.0	10	1.05	300	Y	
IH36820202/40	32	48	1.0	150.0	10	1.37	320	Y	
IH36820303/40	38	55	1.0	150.0	10	1.46	380	Y	
IH36820305/40	42	60	1.0	150.0	10	1.70	420	N	
IH36820206/40	50	72	1.0	150.0	10	2.54	500	Y	
IH36820207/40	60	82	1.0	150.0	10	2.95	600	Y	
IH36820209/20	80	105	1.0	150.0	10	4.32	800	Y	
IH36820210/20	90	115	1.0	150.0	10	4.84	900	N	
IH36820211/20	100	125	1.0	150.0	10	5.30	1000	Y	



CEMENT 713 10

Suitable for delivery of dry cement, grain, seeds and animal feed to road tankers and storage bins or silos.

Hose Construction

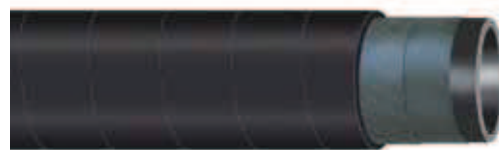
Tube: Smooth, black, antistatic, abrasion resistant BR/ NR rubber compound. Abrasion according to DIN 53516; ISO 4649; ASTM D 5963: max. 60 – 70 mm³

Reinforcement: Synthetic textile fabrics and built-in copper wire giving electrical continuity between both ends

Cover: Black, abrasion and weather-resistant, SBR rubber compound

Temperature Range






-30 °C (-22 °F) to +70 °C (+158 °F)



- Construction, general industry
- In-plant transfer/loading, bulk transport trucks
- Burst Pressure Value 3:1

Tolerances

According to RMA steel mandrel
Refer to Technical Handbook on page TH34

Part Number				Working Pressure					in Stock
	I.D. (mm)	O.D. (mm)		MPa	psi	bar			
IH36822223/40	50	68	1.0	145.0	10	2.04	600	N	
IH36822225/40	63.5	81	1.0	145.0	10	2.49	760	N	
IH36822217/40	75	93	1.0	145.0	10	2.92	900	Y	
IH36822222/40	80	98	1.0	145.0	10	3.10	960	N	
IH36822230/40	90	110	1.0	145.0	10	3.90	1080	N	
IH36822220/40	100	120	1.0	145.0	10	4.29	1200	Y	



CEMENT SM 10

Suitable for suction and delivery of dry cement to road tankers and storage bins or silos.

Hose Construction

Tube: Black, antistatic smooth abrasion resistant BR/NR rubber compound, abrasion max. 60 - 70 mm³

Reinforcement: Synthetic textile fabrics, embedded steel wire helix

Cover: Black, abrasion and weather-resistant, SBR rubber compound








- In-plant transfer/loading, bulk transport trucks
- Construction, general industry
- Good flexibility
- Vacuum 0.8 bar
- Burst Pressure Value 3:1

Temperature Range

-30 °C (-22 °F) to +70 °C (+158 °F)

Tolerances

According to RMA steel mandrel
Refer to Technical Handbook on page TH34

Part Number				Working Pressure					in Stock
	I.D. (mm)	O.D. (mm)		MPa	psi	bar			
IH36923100/40	50	64	0.1	150.0	10	1.92	300	Y	
IH36923101/40	60	74	0.1	150.0	10	2.26	360	N	
IH36923105/20	75	93	0.1	150.0	10	3.53	450	N	
IH36923102/20	100	118	0.1	150.0	10	4.80	600	Y	
IH36923109/20	120	140	0.1	150.0	10	6.54	720	N	
IH36923107/20	125	143	0.1	150.0	10	5.77	750	N	



VIBRACORD 10

Designed for electrical or pneumatic vibrators for concrete.

Hose Construction

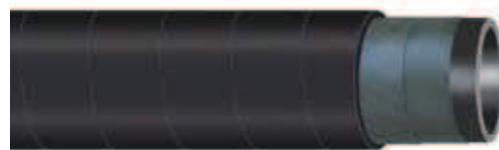
Tube: Black, smooth, SBR rubber compound

Reinforcement: Synthetic textile fabric

Cover: Black, smooth SBR rubber compound, resistant to abrasion and weathering

Temperature Range

-20 °C (-4 °F) to +80 °C (+176 °F)



- Only air delivery
- Good resistance to abrasion and weathering
- Burst Pressure Value 3:1

Tolerances

According to RMA steel mandrel
Refer to Technical Handbook on page TH34

Part Number	I.D. (mm)	O.D. (mm)	Working Pressure			Weight kg/m	min. Bend Radius mm	in Stock
			MPa	psi	bar			
IH36874542/40	25	40	1.0	150.0	10	1.24	250	N
IH36874541/40	30	41	1.0	150.0	10	0.99	300	N



INTONACATRICI 40

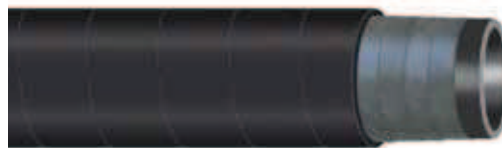
Designed for delivery of plaster and abrasive materials such as mortar and wet cement from plastering machines or spray nozzles.

Hose Construction

Tube: Black, abrasion resistant, antistatic smooth BR/NR rubber compound. Abrasion max. 60 - 70 mm³

Reinforcement: Synthetic textile fabrics

Cover: Black, abrasion and weather-resistant, SBR rubber compound








- Construction, general industrial
- Cover resistant to cuts, gouges, scuffs
- High working pressure
- Burst Pressure Value 3:1

Temperature Range

-30 °C (-22 °F) to +70 °C (+158 °F)

Tolerances

According to RMA steel mandrel
Refer to Technical Handbook on page TH34

Part Number	 I.D. (mm)	 O.D. (mm)	 Working Pressure			 Weight kg/m	 min. Bend Radius mm	in Stock
			MPa	psi	bar			
IH36822030/40	25	38	4.0	600.0	40	0.89	300	Y
IH36822041/40	32	46	4.0	600.0	40	1.14	380	Y
IH36822031/40	50	66	4.0	600.0	40	1.95	600	N
IH36822050/20	65	85	4.0	600.0	40	3.04	780	N



BETON 80

Suitable for placement of concrete at casting locations by concrete pumps at the ends of the machine arms.

Supplied assembled with swaged on full flow hardened couplings at one end or both ends.

Hose Construction

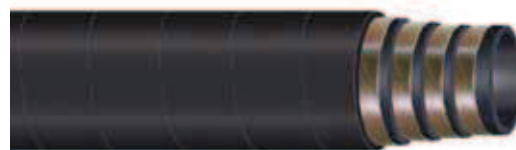
Tube: Smooth, black NR/SBR compound resistant to the abrasive action of the concrete abrasion DIN 53516: max. $50 \pm 5 \text{ mm}^3$

Reinforcement: Steel wire cord plies

Cover: Black, smooth, weather and abrasion resistant NR/SBR rubber compound

Temperature Range

-40 °C (-40 °F) to +70 °C (+158 °F)



- Flexibility and kink resistance also for easy cleaning
- Wet abrasive materials
- High abrasion resistant tube assures longer service life
- Dedicated fitting series
- Burst Pressure Value 2.5:1

Tolerances

On outside diameter

According to RMA steel mandrel

On inside diameter

According to UNI EN ISO 1307

Refer to Technical Handbook on page TH34

Part Number	I.D. (mm)	O.D. (mm)	Working Pressure			Weight kg/m	min. Bend Radius mm	in Stock
			MPa	psi	bar			
IH36827051/0	51	75	8	1200	80	3,96	380	Y
IH36827052/0	65	89	8	1200	80	4,84	400	Y
IH36827053/0	76	100	8	1200	80	5,4	400	N
IH36827054/0	100	124	8	1200	80	7,04	550	N
IH36827055/0	125	150	8	1200	80	8,9	700	N

Branding

On the coupling: BETON 80 bar Parker month/year



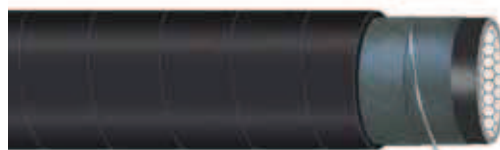
CERGOM

Parker Global Product

Suitable for pneumatic suction and delivery of dry cement, coal, CDR (fuel by-waste material), minerals, ceramic powder, glass recovery, fibreglass, and to load tankers and storage bins or silos. Applications in the industries: steelworks, cookery, thermoelectric power plant, cement works, mining industries, ceramic works, glassworks, insulating material manufactures etc. Supplied in customized lengths.

Hose Construction

- Tube:** Ceramic hexagonal plates (sinterized Alumina Oxide) processed to match black BR/NR rubber compound, highly resistant to abrasion
- Reinforcement:** Synthetic textile fabrics, embedded steel wire helix and built-in copper wires to provide electrical continuity between both ends
- Cover:** Black, antistatic ($R < 2.0 \text{ M}\Omega/\text{m}$), abrasion and weather-resistant, SBR/NBR rubber compound








- Parker International Patent PCT-EP2007-057488
- Outstanding resistance at the abrasion
- Unique construction provides service life many times longer than traditional rubber hoses
- Reduces operations, logistics and admin costs
- Customized assemblies with built-in tech
- Burst Pressure Value 3:1

Temperature Range

-30 °C (-22 °F) to +70 °C (+158 °F)

Tolerances

Length tolerance $\pm 1 \%$

Part Number				Working Pressure					in Stock
	I.D. (mm)	O.D. (mm)	MPa	psi	bar	kg/m	min. Bend Radius mm		
IH36829020/0	25	49	0.6	90.0	6	2.59	375	N	
IH36829021/0	32	56	0.6	90.0	6	3.07	480	N	
IH36829022/0	38	62	0.6	90.0	6	3.48	570	N	
IH36829023/0	42	66	0.6	90.0	6	3.75	630	N	
IH36829024/0	48	72	0.6	90.0	6	4.17	720	N	
IH36829025/0	50	74	0.6	90.0	6	4.31	750	N	
IH36829026/0	60	86	0.6	90.0	6	5.27	900	N	
IH36829027/0	63.5	90	0.6	90.0	6	5.54	953	N	
IH36829028/0	70	100	0.6	90.0	6	6.00	1050	N	
IH36829029/0	75	105	0.6	90.0	6	6.35	1125	N	
IH36829030/0	80	110	0.6	90.0	6	6.93	1200	N	
IH36829031/0	100	132	0.6	90.0	6	8.56	1500	N	
IH36829032/0	114	147	0.6	90.0	6	13.24	1710	N	
IH36829033/0	125	158	0.6	90.0	6	14.42	1875	N	
IH36829034/0	150	188	0.6	90.0	6	19.42	2250	N	
IH36829035/0	200	240	0.6	90.0	6	27.68	3045	N	