

aerospace
climate control
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filtration
fluid & gas handling
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process control
sealing & shielding



Air



ENGINEERING YOUR SUCCESS.



C – Air

Hose	ID Range (mm)	Temp. Range (°C)	Application
MINIERA 10	25 - 102	-30 / +80	compressed air, non aggressive liquids
MINIERA 20	19 - 100	-30 / +80	compressed air, non aggressive liquids
MINIERA 40	13 - 51	-40 / +100	mine & quarries for long lasting service
AIRTEMP 220	51 - 80	-40 / +220	hot air for compressors and pneumatic s
MASKPRESS EN 14594 Class B N/L 100	9.5	-30 / +80	breathing system
DIVER 100 EN 250 N/L	6.3 - 8	-30 / +80	breathing system



	Tube	Reinforcement	Cover	WP (bar)	Safety factor	Suction	Industry standard	Page
	SBR	textile	SBR	10	3			C4
	SBR	textile	SBR	20	3			C5
	NBR	steel wire	SBR/CR	40	4			C6
sys.	EPR	textile	EPDM	10	3			C7
	NBR	textile	NBR	10	10		EN 14594 Class B	C8
	EPDM	textile	EPDM	35	4		EN250	C9



MINIERA 10

Suitable for compressed air tools (with minimal oil traces) in factories and designed for quarries, building and mining industries.

Hose Construction

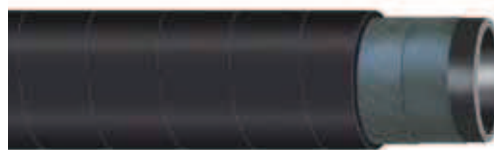
Tube: Black, oil mist resistant, smooth SBR nitrosamine free rubber compound

Reinforcement: Synthetic textile fabrics

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

Temperature Range

-30 °C (-22 °F) to +80 °C (+176 °F)








- Also suitable for water and air in general service applications
- Nitrosamine free compounds
- 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			
IH36342181/40	25	35	1.0	150.0	10	0.70	250	Y	
IH36342182/40	30	40	1.0	150.0	10	0.81	300	N	
IH36342184/40	35	45	1.0	150.0	10	0.92	350	Y	
IH36342185/40	40	50	1.0	150.0	10	1.02	400	Y	
IH36342186/40	45	55	1.0	150.0	10	1.14	450	N	
IH36342187/40	50	60	1.0	150.0	10	1.25	500	Y	
IH36342188/40	60	70	1.0	150.0	10	1.47	600	N	
IH36342189/20	70	80	1.0	150.0	10	1.68	700	N	
IH36342190/40	75	86	1.0	150.0	10	1.99	750	N	
IH36342190/20	75	86	1.0	150.0	10	1.99	750	N	
IH36342191/20	100	112	1.0	150.0	10	2.86	1000	N	
IH36342194/20	102	114	1.0	150.0	10	2.99	1020	N	



MINIERA 20

Suitable for compressed air tools in factories and designed for quarries, building and mining industries. Tube resistant to traces of oil mist for medium duty.

Hose Construction

- Tube:** Black, oil mist resistant, smooth SBR/NBR rubber compound
- Reinforcement:** Synthetic textile fabrics
- Cover:** Black, abrasion, ageing and weather-resistant SBR nitrosamine free rubber compound

Temperature Range

-30 °C (-22 °F) to +80 °C (+176 °F)








- Also suitable for water and air in general service applications
- Nitrosamine free compounds
- 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			
IH36341113/40	19	30	2.0	300.0	20	0.62	190	Y
IH36341110/40	25	37	2.0	300.0	20	0.81	250	N
IH36341149/40	30	42	2.0	300.0	20	0.98	300	N
IH36341111/40	30	46	2.0	300.0	20	1.39	300	Y
IH36341121/40	38	52	2.0	300.0	20	1.43	380	Y
IH36341120/40	40	56	2.0	300.0	20	1.73	400	N
IH36341109/40	45	61	2.0	300.0	20	1.91	450	N
IH36341114/40	50	66	2.0	300.0	20	2.08	500	Y
IH36341116/40	60	76	2.0	300.0	20	2.38	600	N
IH36341117/20	75	91	2.0	300.0	20	2.89	750	N
IH36341119/20	100	118	2.0	300.0	20	4.23	1000	N



MINIERA 40

Compressed air for mine and quarries, designed for long lasting service and maximum safety in heavy duty applications.

Hose Construction

- Tube:** Black, NBR rubber compound, oil resistant
- Reinforcement:** One special braid of steel wire
- Cover:** Black SBR/CR rubber compound, abrasion, oils, ozone and weather resistant



- Heavy duty application
- Specific for compressed air tools in mining
- Low temperature resistance
- Burst Pressure Value 4:1

Temperature Range

-40 °C (-40 °F) to +100 °C (+212 °F)

Tolerances

According to BS 5118/34310
Refer to Technical Handbook on page TH34

Part Number	Nominal Diameter		O.D. (mm)	Working Pressure			Weight kg/m	min. Bend Radius mm	in Stock
	(mm)	(inch)		MPa	psi	bar			
IH36348001/40	13	½	23	4.0	580.0	40	0.55	150	N
IH36348002/40	19	¾	30	4.0	580.0	40	0.77	230	N
IH36348003/40	25	1	38	4.0	580.0	40	1.06	300	N
IH36348004/40	32	1 ¼	46	4.0	580.0	40	1.45	380	N
IH36348005/40	38	1 ½	52	4.0	580.0	40	1.80	455	N
IH36348000/40	51	2	66	4.0	580.0	40	2.30	600	N



AIRTEMP 220

Hot air delivery hose designed for compressors and pneumatic systems like flexible connection between motor blower and road tanker used for dry pellets, abrasive powders and granular material transport.

Hose Construction

- Tube:** Black, smooth, insulating, EPR rubber compound with very good resistance to high temperature
- Reinforcement:** Synthetic textile fabrics yarns
- Cover:** Black (N), smooth, insulating, wrapped finish EPDM rubber compound, resistant to heat, abrasion, ozone and weather



- Wide temperature range
- Insulating hose
- Could be complementary to CERGOM
- Burst Pressure Value 3:1

Tolerances

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

Temperature Range

-40 °C (-40 °F) to +220 °C (+435 °F)
with peaks to +240 °C (+465 °F)

Part Number	I.D. (mm)	O.D. (mm)	Working Pressure			Weight kg/m	min. Bend Radius mm	in Stock
			MPa	psi	bar			
IH36346010/40	51	69	1.0	145	10.0	1.85	350	N
IH36346011/40	60	78	1.0	145	10.0	2.13	420	N
IH36346012/20	65	83	1.0	145	10.0	2.40	455	N
IH36346013/20	75	93	1.0	145	10.0	2.62	550	N
IH36346014/20	80	98	1.0	145	10.0	2.65	600	N



MASKPRESS EN 14594 CLASS B

According to EN 14594 Class B

Flexible hose designed for air supply in breathing devices for fire-fighting operations. Meets the requirements of UNI EN 14594 (points 6,12 - 6,13 relevant to hose without fittings).

Hose Construction

Tube: Black, NBR rubber compound.
Heat, ageing and air resistant

Reinforcement: Synthetic textile yarns

Cover: Black, smooth NBR rubber compound, resistant to abrasion, sea water, heat and weathering

Temperature Range






-30 °C (-22 °F) to +80 °C (+176 °F)



- Tube compound vanilla flavor
- For assembly operation refer to the norm
- Suitable also for industrial safety
- Burst Pressure Value 10:1

Tolerances

According to UNI EN ISO 1307
Refer to Technical Handbook on page TH34

Part Number				Working Pressure					in Stock
	I.D. (mm)	O.D. (mm)		MPa	psi	bar			
IH30310128/100	9.5	19	1.0	150.0	10	0.33	60	Y	



DIVER 100 EN 250

According to EN 250

Flexible hose for air supply in scuba diving systems. Designed to exceed the UNI EN 250 standard requirements (point 5,7) flexible hoses for medium pressure, related to tests on loose hoses (not assembled). Hose certified.

Hose Construction

- Tube:** Black, smooth, heat and ageing resistant EPDM nitrosamine free rubber compound
- Reinforcement:** Synthetic textile yarns
- Cover:** Black, smooth EPDM nitrosamine free rubber compound, resistant to abrasion, sea water, heat and weathering



- Tube compound vanilla flavor
- Nitrosamine free compounds
- For assembly operation refer to the norm
- Burst Pressure Value 4:1



Tolerances

According to EN 250

Refer to Technical Handbook on page TH34

Temperature Range

-30 °C (-22 °F) to +80 °C (+176 °F)

Part Number	I.D. (mm)	O.D. (mm)	Working Pressure			Weight kg/m	min. Bend Radius mm	in Stock
			MPa	psi	bar			
IH30310133/100	6.3	12.3	3.5	510.0	35	0.12	60	N
IH30310126/100	7.3	13.7	3.5	510.0	35	0.15	75	N
IH30310124/80	8	14	3.5	510.0	35	0.14	80	N

WARNING – DO NOT EXCEED 510 psi (35 bar) – HIGHER psi (bar) MAY CAUSE DAMAGE OR PERSONAL INJURY – MEDIUM PRESSURE

