



# Hydraulic & Offshore Supplies

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## Air Hose



## C Air Hose

### Compressed Air



**PRESS N/R 10**  
**PRESCORD N/R 20**

Suitable for compressed air in a wide range of industrial applications.



**PRESS N/L - NY/L 20**

The most common hoses for compressed air and pneumatic systems in industrial applications.



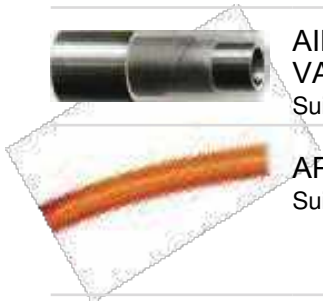
**MINIERA 10 - 15 - 20 - 25 - 40**

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



**AIR SP 318 N/L 15 - NY/L 15**  
**VARIOPRESS ISO 1403 Type 2 - 3**

Suitable for delivery of compressed air for a wide range of industrial applications.



**APERFRUT 20**

Suitable for delivery of compressed air, water and non-aggressive fluids

### Compressed Air in Service Stations



**AIRSTATION 2000 NB/L**

Suitable for delivery of compressed air, water and non-aggressive fluids in service stations and car workshops. Antistatic SBR/NBR tube R < 1 M /m.

### Compressed Air for Concrete Vibrators



**VIBRAPRESS N/R 10**

**VIBRACORD 10**

Designed for concrete vibrator applications.



### Compressed Air Insulating



**ISOLPRESS B/L 20**

**ISOLPRESS HT N/L 20**

**ISOLCORD HT 20**

Insulating hoses for compressed air with traces of oil mist in pneumatic systems and also non-aggressive fluids in a wide range of industrial applications.



### Hot Compressed Air



**AIRTEMP 220**

Suitable for hot air in pneumatic systems up to +220 °C (+435 °F).

### Breathing



**DIVER 100 EN 250 N/L**

Suitable for air supply in scuba diving systems, according to UNI EN 250 (paragraph 5.7) standard requirements.



**MASKPRESS EN 14594**

Designed for air supply in breathing devices for fire-fighting operations, according to UNI EN 14594 (points 6.12 - 6.13)

# PRESS<sup>®</sup> N/R 10

## Hose Construction

- Tube:** Black, smooth SBR nitrosamine free rubber compound
- Reinforcement:** Synthetic textile yarns
- Cover:** Black (N), ribbed (/R), abrasion, ageing and weather-resistant SBR/EPDM nitrosamine free rubber compound



## Applications

Suitable for discharge of water, compressed air and non-aggressive liquids in many industrial and agricultural applications.

## Temperature Range

-30 °C (-22 °F) to +80 °C (+176 °F)

## Tolerances

According to UNI EN ISO 1307/97

### On inside diameter:

- I.D. 5 mm: ± 0,60 mm
- I.D. 13 - 19 mm: ± 0,80 mm
- I.D. 25 mm: ± 1,20 mm
- Length tolerance:** ± 1 %

Part Number/ Standard Length m	I.D. mm	O.D. mm	Working Pressure			Burst Pressure			Weight kg/m	min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH30301002/100	5	10,5	1,0	150,0	10	3,0	450,0	30	0,10	40
IH30116064/100	13	19	1,0	150,0	10	3,0	450,0	30	0,23	105
IH30111482/80	19	26	1,0	150,0	10	3,0	450,0	30	0,37	150
IH30111481/50	25	33	1,0	150,0	10	3,0	450,0	30	0,54	200

## PRESCORD N/R 20

### Hose Construction

- Tube:** Black, smooth SBR nitrosamine free rubber compound
- Reinforcement:** Synthetic textile yarns
- Cover:** Black (N), ribbed (/R), abrasion, ageing and weather-resistant SBR/EPDM nitrosamine free rubber compound



### Applications

Suitable for discharge of water, compressed air and non-aggressive liquids in many industrial and agricultural applications.

### Tolerances

According to UNI EN ISO 1307/97

#### On inside diameter:

I.D. 6 - 19 mm:  $\pm 0,80$  mm

I.D. 25 mm:  $\pm 1,20$  mm

**Length tolerance:**  $\pm 1$  %

### Temperature Range

-30 °C (-22 °F) to +80 °C (+176 °F)

Part Number/ Standard Length m	I.D. mm	O.D. mm	Working Pressure			Burst Pressure			Weight kg/m	min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH30112114/100	6	14	2,0	300,0	20	6,0	900,0	60	0,19	40
IH30112105/100	8	17	2,0	300,0	20	6,0	900,0	60	0,27	50
IH30112110/100	10	19	2,0	300,0	20	6,0	900,0	60	0,31	60
IH30112113/100	12	21	2,0	300,0	20	6,0	900,0	60	0,35	70
IH30112109/100	15	25	2,0	300,0	20	6,0	900,0	60	0,47	90
IH30112135/50	19	30	2,0	300,0	20	6,0	900,0	60	0,64	110
IH30112102/50	25	37	2,0	300,0	20	6,0	900,0	60	0,88	150

# PRESS® N/L - NY/L 20

## Hose Construction

- Tube:** Black, smooth SBR nitrosamine free rubber compound
- Reinforcement:** Synthetic textile yarns
- Cover:** Black (N) or yellow (Y), abrasion, ageing and weather-resistant, smooth (L) SBR/EPDM nitrosamine free rubber compound



## Applications

Suitable for compressed air with traces of oil and also for some non-aggressive fluids in a wide range of industrial applications.

## Temperature Range

-30 °C (-22 °F) to +80 °C (+176 °F)

## Tolerances

According to UNI EN ISO 1307/97

### On inside diameter:

I.D. 6 - 19 mm: ± 0,80 mm

I.D. 25 mm: ± 1,20 mm

Length tolerance: ± 1 %

## Note

On request also available with coloured cover.

Part Number/ Standard Length m	I.D. mm	O.D. mm	Working Pressure			Burst Pressure			Weight kg/m	min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
<b>PRESS N/L 20</b>										
IH30302012/100	6	13	2,0	300,0	20	6,0	900,0	60	0,15	50
IH30302001/100	6	14	2,0	300,0	20	6,0	900,0	60	0,19	50
IH30302002/100	7	16	2,0	300,0	20	6,0	900,0	60	0,24	60
IH30302011/100	8	15	2,0	300,0	20	6,0	900,0	60	0,19	65
IH30413431/100	8	16	2,0	300,0	20	6,0	900,0	60	0,23	65
IH30302003/100	8	17	2,0	300,0	20	6,0	900,0	60	0,27	65
IH30302013/100	10	18	2,0	300,0	20	6,0	900,0	60	0,26	80
IH30302008/100	10	19	2,0	300,0	20	6,0	900,0	60	0,31	80
IH30312081/100	12	20	2,0	300,0	20	6,0	900,0	60	0,30	100
IH30312071/100	13	21	2,0	300,0	20	6,0	900,0	60	0,32	105
IH30302009/100	13	23	2,0	300,0	20	6,0	900,0	60	0,43	105
IH30302009/40	13	23	2,0	300,0	20	6,0	900,0	60	0,43	105
IH30302014/100	15	25	2,0	300,0	20	6,0	900,0	60	0,46	120
IH30312072/80	16	25	2,0	300,0	20	6,0	900,0	60	0,43	130
IH30302010/80	16	26	2,0	300,0	20	6,0	900,0	60	0,50	130
IH30312073/40	19	29	2,0	300,0	20	6,0	900,0	60	0,57	150
IH30312073/50	19	29	2,0	300,0	20	6,0	900,0	60	0,57	150
IH30312073/80	19	29	2,0	300,0	20	6,0	900,0	60	0,57	150
IH30302004/40	19	30	2,0	300,0	20	6,0	900,0	60	0,64	150
IH30302004/80	19	30	2,0	300,0	20	6,0	900,0	60	0,64	150
IH30312074/40	25	36	2,0	300,0	20	6,0	900,0	60	0,79	200
IH30302006/50	25	37	2,0	300,0	20	6,0	900,0	60	0,88	200
<b>PRESS NY/L 20</b>										
IH30312070/100	13	23	2,0	300,0	20	6,0	900,0	60	0,44	105
IH30317104/40	15	27	2,0	300,0	20	6,0	900,0	60	0,61	130
IH30312080/50	19	29	2,0	300,0	20	6,0	900,0	60	0,59	150
IH30317100/40	19	30	2,0	300,0	20	6,0	900,0	60	0,66	150
IH30317109/40	25	35	2,0	300,0	20	6,0	900,0	60	0,73	200
IH30317098/40	25	37	2,0	300,0	20	6,0	900,0	60	0,91	200
IH30317103/40	25	39	2,0	300,0	20	6,0	900,0	60	1,08	200

## MINIERA 10

### 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



### Applications

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

### Temperature Range

-30 °C (-22 °F) to +80 °C (+176 °F)

### Tolerances

RMA steel mandrel

#### On inside diameter:

I.D. 38 mm: ± 0,79 mm

> I.D. 38 mm: ± 1,59 mm

#### On outside diameter:

I.D. 19 mm: ± 0,79 mm

I.D. 25 - 102 mm: ± 1,59 mm

**Length tolerance:** ± 1 %

Part Number/ Standard Length m	I.D. mm	O.D. mm	Working Pressure			Burst Pressure			Weight kg/m	min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH36342180/40	19	29	1,0	150,0	10	3,0	450,0	30	0,56	190
IH36342181/40	25	35	1,0	150,0	10	3,0	450,0	30	0,70	250
IH36342182/40	30	40	1,0	150,0	10	3,0	450,0	30	0,81	300
IH36342183/40	32	42	1,0	150,0	10	3,0	450,0	30	0,85	320
IH36342184/40	35	45	1,0	150,0	10	3,0	450,0	30	0,92	350
IH36342049/40	38	48	1,0	150,0	10	3,0	450,0	30	0,97	380
IH36342185/40	40	50	1,0	150,0	10	3,0	450,0	30	1,02	400
IH36342186/40	45	55	1,0	150,0	10	3,0	450,0	30	1,14	450
IH36342187/40	50	60	1,0	150,0	10	3,0	450,0	30	1,25	500
IH36342188/40	60	70	1,0	150,0	10	3,0	450,0	30	1,47	600
IH36342193/40	63,5	73,5	1,0	150,0	10	3,0	450,0	30	1,52	635
IH36342189/20	70	80	1,0	150,0	10	3,0	450,0	30	1,68	700
IH36342190/20	75	86	1,0	150,0	10	3,0	450,0	30	1,99	750
IH36342191/20	100	112	1,0	150,0	10	3,0	450,0	30	2,86	1000
IH36342194/20	102	114	1,0	150,0	10	3,0	450,0	30	2,99	1020

# MINIERA 15

## 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



## Applications

Suitable for compressed air tools in factories and designed for quarries, building and mining industries. In heavy operating conditions, we suggest using the appropriate hose: H = heavy application.

## Temperature Range

-30 °C (-22 °F) to +80 °C (+176 °F)

## Tolerances

RMA steel mandrel

### On inside diameter:

- I.D. 38 mm: ± 0,79 mm  
 > I.D. 38 mm: ± 1,59 mm

### On outside diameter:

- I.D. 19 mm: ± 0,79 mm  
 I.D. 25 - 100 mm: ± 1,59 mm  
 I.D. 110 mm: ± 2,38 mm

**Length tolerance:** ± 1 %

## Note

\* According to NFT 47252/A on request.

Part Number/ Standard Length m	I.D. mm	O.D. mm	Working Pressure			Burst Pressure			Weight kg/m	min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
<b>MINIERA 15</b>										
IH36341090/40	19	29	1,5	217,5	15	4,5	652,5	45	0,56	190
IH36342300/40	19	31	1,5	217,5	15	4,5	652,5	45	0,68	190
IH36341091/40	25	35	1,5	217,5	15	4,5	652,5	45	0,70	250
IH36341092/40	30	41	1,5	217,5	15	4,5	652,5	45	0,89	300
IH36341093/40	32	43	1,5	217,5	15	4,5	652,5	45	0,94	320
IH36341094/40	35	46	1,5	217,5	15	4,5	652,5	45	1,01	350
IH36341089/40	38	52	1,5	217,5	15	4,5	652,5	45	1,42	380
IH36341095/40	*40	55	1,5	217,5	15	4,5	652,5	45	1,60	400
IH36341096/40	45	60	1,5	217,5	15	4,5	652,5	45	1,75	450
IH36341097/40	*50	65	1,5	217,5	15	4,5	652,5	45	1,98	500
IH36342437/40	51	66	1,5	217,5	15	4,5	652,5	45	2,01	510
IH36341098/40	60	75	1,5	217,5	15	4,5	652,5	45	2,31	600
IH36341100/20	75	90	1,5	217,5	15	4,5	652,5	45	2,80	750
IH36341101/20	80	95	1,5	217,5	15	4,5	652,5	45	2,93	800
IH36341102/20	90	105	1,5	217,5	15	4,5	652,5	45	3,22	900
IH36341103/20	100	115	1,5	217,5	15	4,5	652,5	45	3,55	1000
IH36341085/20	110	125	1,5	217,5	15	4,5	652,5	45	3,86	1100
<b>MINIERA H 15</b>										
IH36341129/40	32	44	1,5	217,5	15	4,5	652,5	45	1,03	320
IH36342302/40	38	54	1,5	217,5	15	4,5	652,5	45	1,64	380
IH36342306/40	65	87	1,5	217,5	15	4,5	652,5	45	3,625	650
<b>MINIERA L 15</b>										
IH36341125/40	38	48	1,5	217,5	15	4,5	652,5	45	0,95	380

\* on request to NFT 47252/A

# MINIERA 20

## 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



## Applications

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

## Temperature Range

-30 °C (-22 °F) to +80 °C (+176 °F)

## Tolerances

RMA steel mandrel

### On inside diameter:

- I.D. 38 mm: ± 0,79 mm
- > I.D. 38 mm: ± 1,59 mm

### On outside diameter:

- I.D. 19 mm: ± 0,79 mm
- I.D. 25 - 100 mm: ± 1,59 mm

### Length tolerance:

± 1 %

## Note

On request also available with yellow cover (Miniera NY 20 - L NY 20)

Part Number/ Standard Length m	I.D. mm	O.D. mm	Working Pressure			Burst Pressure			Weight kg/m	min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
<b>MINIERA 20</b>										
IH36341113/40	19	30	2,0	300,0	20	6,0	900,0	60	0,62	190
IH36341110/40	25	37	2,0	300,0	20	6,0	900,0	60	0,81	250
IH36341111/40	30	46	2,0	300,0	20	6,0	900,0	60	1,39	300
IH36341112/40	35	51	2,0	300,0	20	6,0	900,0	60	1,56	350
IH36341120/40	40	56	2,0	300,0	20	6,0	900,0	60	1,73	400
IH36341109/40	45	61	2,0	300,0	20	6,0	900,0	60	1,91	450
IH36341114/40	50	66	2,0	300,0	20	6,0	900,0	60	2,08	500
IH36341116/40	60	76	2,0	300,0	20	6,0	900,0	60	2,38	600
IH36341107/40	63,5	79,5	2,0	300,0	20	6,0	900,0	60	2,52	650
IH36341117/20	75	91	2,0	300,0	20	6,0	900,0	60	2,89	750
IH36341119/20	100	118	2,0	300,0	20	6,0	900,0	60	4,23	1000
<b>MINIERA L 20</b>										
IH36341149/40	30	42	2,0	300,0	20	6,0	900,0	60	0,98	300
IH36341152/40	32	44	2,0	300,0	20	6,0	900,0	60	1,04	320
IH36341106/40	32	46	2,0	300,0	20	6,0	900,0	60	1,24	320
IH36341150/40	35	48	2,0	300,0	20	6,0	900,0	60	1,21	350
IH36341121/40	38	52	2,0	300,0	20	6,0	900,0	60	1,43	380
IH36341153/40	40	54	2,0	300,0	20	6,0	900,0	60	1,45	400



# MINIERA 25

## 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



## Applications

Suitable for compressed air tools in factories and designed for quarries, building and mining industries. Excellent oil resistance tube for heavy duty.

## Temperature Range

-30 °C (-22 °F) to +80 °C (+176 °F)

## Tolerances

RMA steel mandrel

### On inside diameter:

- I.D. 38 mm: ± 0,79 mm  
 > I.D. 38 mm: ± 1,59 mm

### On outside diameter:

- I.D. 19 mm: ± 0,79 mm  
 I.D. 25 - 76 mm: ± 1,59 mm  
**Length tolerance:** ± 1 %

Part Number/ Standard Length m	I.D. mm	O.D. mm	Working Pressure			Burst Pressure			Weight kg/m	min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
<b>MINIERA 25</b>										
IH36341170/40	19	32	2,5	362,5	25	7,5	1087,5	75	0,74	190
IH36341172/40	25	39	2,5	362,5	25	7,5	1087,5	75	0,99	250
IH36341174/40	32	50	2,5	362,5	25	7,5	1087,5	75	1,61	320
IH36341178/40	45	64	2,5	362,5	25	7,5	1087,5	75	2,23	450
IH36341123/20	76	97	2,5	362,5	25	7,5	1087,5	75	3,81	750
<b>MINIERA L 25</b>										
IH36341163/40	32	48	2,5	362,5	25	7,5	1087,5	75	1,42	320
IH36341164/40	38	54	2,5	362,5	25	7,5	1087,5	75	1,62	380
IH36341165/40	50	69	2,5	362,5	25	7,5	1087,5	75	2,42	500
IH36341166/40	51	70	2,5	362,5	25	7,5	1087,5	75	2,46	500

## MINIERA 40

### 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



### Applications

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

### Temperature Range

-40 °C (-40 °F) to +100 °C (+212 °F)

### Packing

All hose coils are tied with string.

### Tolerances

According to BS 5118/3

**On inside diameter:** ± 0,75 mm

### Reference Specifications

BS 5118/3

ISO 1307

Part Number/ Standard Length m	nominal Diameter		O.D. mm	Working Pressure			Burst Pressure			Weight kg/m	min. Bend Radius mm
	mm	inch		MPa	psi	bar	MPa	psi	bar		
IH36348001/40	13	1/2	23	4.0	580.0	40	16.0	2320.0	160	0.55	150
IH36348002/40	19	3/4	30	4.0	580.0	40	16.0	2320.0	160	0.77	230
IH36348003/40	25	1	38	4.0	580.0	40	16.0	2320.0	160	1.06	300
IH36348004/40	32	1,1/4	46	4.0	580.0	40	16.0	2320.0	160	1.45	380
IH36348005/40	38	1,1/2	52	4.0	580.0	40	16.0	2320.0	160	1.80	455
IH36348000/40	51	2	66	4.0	580.0	40	16.0	2320.0	160	2.30	600

# AIR SP 318 N/L 15 - NY/L 15

## Hose Construction

**Tube:** Black, smooth SBR nitrosamine free rubber compound  
**Reinforcement:** Synthetic textile yarns  
**Cover:** Black (N), antistatic ( $R < 1 \text{ M} / \text{m}$ ), or yellow (NY) not antistatic, high abrasion and weather-resistant, smooth (/L) SBR/EPDM nitrosamine free rubber compound



## Applications

Suitable for delivery of compressed air, water and non-aggressive fluids for a wide range of industrial applications. This hose when used for air compressors is resistant to traces of oil mist.

## Temperature Range

-30 °C (-22 °F) to +80 °C (+176 °F)

## Tolerances

According to UNI EN ISO 1307/97

### On inside diameter:

I.D. 5 mm:  $\pm 0,60 \text{ mm}$   
 I.D. 6 - 19 mm:  $\pm 0,80 \text{ mm}$   
 I.D. 25 mm:  $\pm 1,20 \text{ mm}$   
 Length tolerance:  $\pm 1 \%$

Part Number/ Standard Length m	I.D. mm	O.D. mm	Working Pressure			Burst Pressure			Weight kg/m	min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
<b>AIR SP318 N/L 15</b>										
IH30316999/40	5	10,5	1,5	217,5	15	4,5	652,5	45	0,10	40
IH30311470/40	6	12	1,5	217,5	15	4,5	652,5	45	0,13	50
IH30311470/100	6	12	1,5	217,5	15	4,5	652,5	45	0,13	50
IH30317005/100	6	14	1,5	217,5	15	4,5	652,5	45	0,19	50
IH30311472/40	7	13	1,5	217,5	15	4,5	652,5	45	0,14	60
IH30311473/100	8	14	1,5	217,5	15	4,5	652,5	45	0,15	65
IH30311474/40	8	15	1,5	217,5	15	4,5	652,5	45	0,19	65
IH30311474/100	8	15	1,5	217,5	15	4,5	652,5	45	0,19	65
IH30317001/100	8,5	16	1,5	217,5	15	4,5	652,5	45	0,21	65
IH30317003/100	8	17	1,5	217,5	15	4,5	652,5	45	0,27	65
IH30311476/40	9	16	1,5	217,5	15	4,5	652,5	45	0,20	75
IH30311478/40	10	17	1,5	217,5	15	4,5	652,5	45	0,22	80
IH30311478/100	10	17	1,5	217,5	15	4,5	652,5	45	0,22	80
IH30311445/40	10	18	1,5	217,5	15	4,5	652,5	45	0,26	80
IH30317004/40	10	19	1,5	217,5	15	4,5	652,5	45	0,31	80
IH30311477/40	12	20	1,5	217,5	15	4,5	652,5	45	0,29	100
IH30311444/100	13	20	1,5	217,5	15	4,5	652,5	45	0,27	105
IH30311480/40	13	21	1,5	217,5	15	4,5	652,5	45	0,32	105
IH30311480/100	13	21	1,5	217,5	15	4,5	652,5	45	0,32	105
IH30311479/40	13	23	1,5	217,5	15	4,5	652,5	45	0,43	105
IH30311443/50	14	24	1,5	217,5	15	4,5	652,5	45	0,45	115
IH30311481/100	15	24	1,5	217,5	15	4,5	652,5	45	0,40	120
IH30311446/100	16	24	1,5	217,5	15	4,5	652,5	45	0,37	130
IH30311482/40	16	26	1,5	217,5	15	4,5	652,5	45	0,49	130
IH30311485/50	19	27	1,5	217,5	15	4,5	652,5	45	0,43	150
IH30311484/40	19	29	1,5	217,5	15	4,5	652,5	45	0,57	150
IH30311484/50	19	29	1,5	217,5	15	4,5	652,5	45	0,57	150
IH30311484/80	19	29	1,5	217,5	15	4,5	652,5	45	0,57	150
IH30317111/40	19	30	1,5	217,5	15	4,5	652,5	45	0,63	150
IH30311489/40	25	35	1,5	217,5	15	4,5	652,5	45	0,71	200
IH30311489/50	25	35	1,5	217,5	15	4,5	652,5	45	0,71	200
IH30311488/40	25	36	1,5	217,5	15	4,5	652,5	45	0,79	200
IH30311488/50	25	36	1,5	217,5	15	4,5	652,5	45	0,79	200
IH30311490/40	25	37	1,5	217,5	15	4,5	652,5	45	0,87	200
<b>AIR SP318 NY/L 15</b>										
IH30311433/100	10	17	1,5	217,5	15	4,5	652,5	45	0,24	80
IH30311432/100	13	21	1,5	217,5	15	4,5	652,5	45	0,34	105
IH30311431/40	19	27	1,5	217,5	15	4,5	652,5	45	0,46	150
IH30311435/40	25	35	1,5	217,5	15	4,5	652,5	45	0,76	200
IH30311435/50	25	35	1,5	217,5	15	4,5	652,5	45	0,76	200

# VARIOPRESS ISO 1403 Type 2 - 3

Hose according to EN ISO 1403

## Hose Construction

- Tube:** Black, antistatic, smooth, EPDM nitrosamine free rubber compound compound
- Reinforcement:** Synthetic textile yarns
- Cover:** Black, antistatic (R < 1 M /m) smooth EPDM nitrosamine free rubber compound, resistant to abrasion, ageing, light chemicals, heat and weathering



## Tolerances

According to UNI EN ISO 1307/97

### On inside diameter:

I.D. 5 mm:	± 0,60 mm
I.D. 6 - 19 mm:	± 0,80 mm
> I.D. 25 mm:	± 1.60 mm

**Length tolerance:** ± 1 %

## Applications

Designed for water/air according to EN ISO 1403 type 2-3.

## Temperature Range

-40 °C (-40 °F) to +100 °C (+212 °F)

Part Number/ Standard Length m	I.D. mm	O.D. mm	Working Pressure			Burst Pressure			Weight kg/m	min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
<b>VARIOPRESS EN ISO 1403 Type 2</b>										
IH30113110/100	6,3	14,3	1,0	150,0	10	3,0	450,0	30	0,18	–
IH30113111/100	8	17	1,0	150,0	10	3,0	450,0	30	0,24	–
IH30113112/100	10	19	1,0	150,0	10	3,0	450,0	30	0,28	–
IH30113113/100	12,5	21	1,0	150,0	10	3,0	450,0	30	0,31	–
IH30113114/100	12,5	23	1,0	150,0	10	3,0	450,0	30	0,41	–
IH30113115/100	16	24	1,0	150,0	10	3,0	450,0	30	0,35	–
IH30113116/80	16	26	1,0	150,0	10	3,0	450,0	30	0,46	–
IH30113117/80	19	28	1,0	150,0	10	3,0	450,0	30	0,46	–
IH30113118/80	19	30	1,0	150,0	10	3,0	450,0	30	0,60	–
IH30113119/50	25	33	1,0	150,0	10	3,0	450,0	30	0,51	–
IH30113120/50	25	35	1,0	150,0	10	3,0	450,0	30	0,66	–
<b>VARIOPRESS EN ISO 1403 Type 3</b>										
IH30113210/100	6,3	14,3	2,5	362,5	25	10,0	1450,0	100	0,18	–
IH30113211/100	8	17	2,5	362,5	25	10,0	1450,0	100	0,25	–
IH30113212/100	10	19	2,5	362,5	25	10,0	1450,0	100	0,29	–
IH30113213/100	12,5	23	2,5	362,5	25	10,0	1450,0	100	0,42	–
IH30113216/80	16	26	2,5	362,5	25	10,0	1450,0	100	0,47	–
IH30113217/80	19	30	2,5	362,5	25	10,0	1450,0	100	0,60	–
IH30113219/50	25	35	2,5	362,5	25	10,0	1450,0	100	0,67	–

# APERFRUT 20

## Hose Construction

**Tube:** Black, smooth, PVC compound  
**Reinforcement:** Synthetic textile yarns  
**Cover:** Orange (20), smooth, abrasion, and weather-resistant PVC compound.



## Applications

Suitable for delivery of compressed air, water and non-aggressiv fluids

## Temperature Range

-15 °C (+5 °F) to +60 °C (+140 °F)

## Tolerances

### On inside diameter:

I.D. 16 mm: ± 0,50 mm  
 I.D. 19 mm: ± 0,80 mm  
 > I.D. 19 mm: ± 1,00 mm

### Length tolerance:

± 2 %  
 All other technical data are subject to a ± 5 % tolerance.

Part Number/ Standard Length m	I.D. mm	O.D. mm	Working Pressure			Burst Pressure			Weight kg/m	min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH35040009/100	6	12	2.0	300.0	20	6.0	900.0	60	0.10	30
IH35040010/100	8	13	2.0	300.0	20	6.0	900.0	60	0.11	30
IH35040010/50	8	13	2.0	300.0	20	6.0	900.0	60	0.11	30
IH35040012/100	10	15	2.0	300.0	20	6.0	900.0	60	0.135	55
IH35040014/100	13	19	2.0	300.0	20	6.0	900.0	60	0.20	85
IH35040015/100	16	23	2.0	300.0	20	6.0	900.0	60	0.285	90
IH35040016/100	19	26.5	2.0	300.0	20	6.0	900.0	60	0.33	100
IH35040017/50	25	34	1.5	217.5	15	6.0	900.0	60	0.555	140

# AIRSTATION 2000 NB/L

## Hose Construction

- Tube:** Black, smooth, antistatic  
(R < 1 M /m) SBR/NBR rubber compound
- Reinforcement:** Synthetic textile yarns
- Cover:** Blue, smooth SBR/EPDM rubber compound, resistant to abrasion, oils, grease and fuels, ageing and weathering



## Applications

Suitable for delivery of compressed air, water and non-aggressive fluids in service stations and car workshops.

## Temperature Range

-20 °C (-4 °F) to +80 °C (+176 °F)

## Tolerances

UNI EN ISO 1307/97

### On inside diameter:

- I.D. 5 mm: ± 0,60 mm
- I.D. 5,1 - 20 mm: ± 0,80 mm
- I.D. 20,1 - 25 mm: ± 1,20 mm
- > I.D. 25 mm: ± 1.60 mm

**Length tolerance:** ± 1 %

Part Number/ Standard Length m	I.D. mm	O.D. mm	Working Pressure			Burst Pressure			Weight kg/m	min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH30841030/20	6	13	2,0	300,0	20	6,0	900,0	60	0,15	50
IH30841031/20	7	14	2,0	300,0	20	6,0	900,0	60	0,16	55
IH30841032/20	8	15	2,0	300,0	20	6,0	900,0	60	0,19	65
IH30841033/20	9	16	2,0	300,0	20	6,0	900,0	60	0,20	70
IH30841034/20	10	18	2,0	300,0	20	6,0	900,0	60	0,25	80
IH30841035/20	12	20	2,0	300,0	20	6,0	900,0	60	0,28	100

## VIBRAPRESS N/R 10

### Hose Construction

- Tube:** Black, smooth SBR nitrosamine free rubber compound
- Reinforcement:** Synthetic textile fabric
- Cover:** Black, ribbed SBR/EPDM nitrosamine free rubber compound, abrasion and weather resistant



### Tolerances

On inside diameter:  $\pm 1,25$  mm

### Applications

Suitable for concrete vibrators. Its special structure is designed to protect the connecting systems and to make handling easy.

### Temperature Range

-30 °C (-22 °F) to +80 °C (+176 °F)

Part Number/ Standard Length m	I.D. mm	O.D. mm	Working Pressure			Burst Pressure			Weight kg/m	min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH 30112520/40	25	41	1.0	150.0	10	3.0	450.0	30	1.24	150

# VIBRACORD 10

## Hose Construction

- Tube:** Black, smooth, SBR rubber compound
- Reinforcement:** Synthetic textile fabric
- Cover:** Black, smooth SBR rubber compound, resistant to abrasion and weathering



## Applications

Designed for electrical or pneumatic vibrators for concrete

## Temperature Range

-20 °C (-4 °F) to +80 °C (+176 °F)

## Tolerances

RMA steel mandrel

### On inside diameter:

I.D. 32 mm: ± 0,79 mm

I.D. 40 mm: ± 1,59 mm

### On outside diameter:

I.D. 22 mm: ± 0,79 mm

> I.D. 22 mm: ± 1,59 mm

**Length tolerance:** ± 1 %

Part Number/ Standard Length m	I.D. mm	O.D. mm	Working Pressure			Burst Pressure			Weight kg/m	min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH36874542/40	25	40	1,0	150,0	10	3,0	450,0	30	1,24	250
IH36874541/40	30	41	1,0	150,0	10	3,0	450,0	30	0,99	300
IH36874545/40	30	45	1,0	150,0	10	3,0	450,0	30	1,43	300
IH36874547/40	30	48	1,0	150,0	10	3,0	450,0	30	1,61	300
IH36874546/40	32	46	1,0	150,0	10	3,0	450,0	30	1,26	320
IH36874553/40	40	53	1,0	150,0	10	3,0	450,0	30	1,51	400



# ISOLPRESS B/L 20

## Hose Construction

- Tube:** Blue, smooth, insulating NBR rubber compound
- Reinforcement:** Synthetic textile yarns
- Cover:** Blue, smooth, insulating NBR/PVC rubber compound, resistant to ageing, heat, abrasion, ozone and weathering



## Applications

Compressed air with traces of oil mist in pneumatic systems and also non-aggressive fluids in a wide range of industrial applications. Hose designed for special applications where insulating feature and resistance to temperature are required. Insulating resistance  $R > 1 \text{ M} / \text{m}$ .

## Tolerances

UNI EN ISO 1307/97

### On inside diameter:

I.D. 8 mm:  $\pm 0,80 \text{ mm}$

Length tolerance:  $\pm 1 \%$

## Temperature Range

-25 °C (-13 °F) to +80 °C (+176 °F)

Part Number/ Standard Length m	I.D. mm	O.D. mm	Working Pressure			Burst Pressure			Weight kg/m	min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH30310030/100	8	15	2.0	300.0	20	6.0	900.0	60	0.17	65

# ISOLPRESS HT N/L 20

## Hose Construction

**Tube:** Black, smooth, low permeation, NBR rubber compound

**Reinforcement:** Synthetic textile yarns

**Cover:** Black, smooth CSM rubber compound, resistant to ageing, heat, abrasion, ozone and weathering



## Applications

Compressed air with traces of oil mist for compressors, pneumatic systems and also non-aggressive fluids in a wide range of industrial applications. Hose designed for special applications where insulating feature and good resistance to temperature are required. Insulating resistance  $R > 1 \text{ M} / \text{m}$ .

## Tolerances

UNI EN ISO 1307/97

### On inside diameter:

I.D. 13 mm:  $\pm 0,80 \text{ mm}$

Length tolerance:  $\pm 1 \%$

## Temperature Range

-25 °C (-13 °F) to +125 °C (+257 °F)

Part Number/ Standard Length m	I.D. mm	O.D. mm	Working Pressure			Burst Pressure			Weight kg/m	min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH30310040/100	13	20	2.0	300.0	20	6.0	900.0	60	0.25	100

# ISOLCORD HT 20

## Hose Construction

- Tube:** Black, smooth, low permeation, NBR rubber compound
- Reinforcement:** Synthetic textile yarns
- Cover:** Black, smooth CSM rubber compound resistant to ageing, heat, abrasion, ozone and weathering



## Applications

Compressed air with traces of oil mist for compressors and in pneumatic systems and also non-aggressive fluids in a wide range of industrial applications. Hose designed for special applications where insulating feature and good resistance to high temperature are required. Insulating resistance  $R > 1 \text{ M} / \text{m}$ .

## Tolerances

RMA steel mandrel

### On inside diameter:

- I.D. 38 mm:  $\pm 0,79 \text{ mm}$
- > I.D. 38 mm:  $\pm 1,59 \text{ mm}$

### Length tolerance:

$\pm 1 \%$

## Temperature Range

-25 °C (-13 °F) to +125 °C (+257 °F)

Part Number/ Standard Length m	I.D. mm	O.D. mm	Working Pressure			Burst Pressure			Weight kg/m	min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH36348050/40	19	31	2.0	300.0	20	6.0	900.0	60	0.67	190
IH36348051/40	25	37	2.0	300.0	20	6.0	900.0	60	0.83	250
IH36348052/40	38	52	2.0	300.0	20	6.0	900.0	60	1.37	380

# AIRTEMP 220

## 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.



## Applications

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.

## Temperature Range

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

## Tolerances

RMA steel mandrel tolerances

- On inside diameter:** ± 1,59 mm
- On outer diameter:** ± 1,59 mm
- Length tolerance:** ± 1 %

## Note

On request also available with clear tube (AIRTEMP 220/WN)

Part Number/ Standard Length m	I.D. mm	O.D. mm	Working Pressure			Burst Pressure			Weight kg/m	min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
<b>AIRTEMP 220</b>										
IH36346010/40	51	69	1,0	145	10,0	3,0	450,0	30	1,85	350
IH36346011/40	60	78	1,0	145	10,0	3,0	450,0	30	2,13	420
IH36346012/20	65	83	1,0	145	10,0	3,0	450,0	30	2,40	455
IH36346013/20	75	93	1,0	145	10,0	3,0	450,0	30	2,62	550
IH36346014/20	80	98	1,0	145	10,0	3,0	450,0	30	2,65	600
<b>AIRTEMP 220/WN</b>										
IH36346020/40	51	69	1,0	145	10,0	3,0	450,0	30	1,94	350
IH36346021/40	60	78	1,0	145	10,0	3,0	450,0	30	2,26	420
IH36346023/20	75	93	1,0	145	10,0	3,0	450,0	30	2,74	550

# DIVER 100 EN 250 N/L

Hose according to EN 250

## 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



## Tolerances

- On inside diameter:** ± 0,5 mm
- On outside diameter:** -0,2 / +0,8 mm
- Length tolerance:** ± 1 %

## Applications

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.

## Note

Available on request DIVER 100 EN 250 NY/L with yellow cover

## Temperature Range

-30 °C (-22 °F) to +80 °C (+176 °F)

Part Number/ Standard Length m	I.D. mm	O.D. mm	Working Pressure			Burst Pressure			Weight kg/m	min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH30310133/100	6,3	12,3	3,5	510,0	35	12,0	1740,0	120	0,12	60
IH30310120/100	6,3	12,5	3,5	510,0	35	12,0	1740,0	120	0,13	60
IH30310132/100	6,4	15,1	3,5	510,0	35	12,0	1740,0	120	0,20	60
IH30310121/100	7,3	13,2	3,5	510,0	35	12,0	1740,0	120	0,12	75
IH30310119/100	7,3	13,5	3,5	510,0	35	12,0	1740,0	120	0,14	75
IH30310126/100	7,3	13,7	3,5	510,0	35	12,0	1740,0	120	0,15	75
IH30310124/80	8	14	3,5	510,0	35	12,0	1740,0	120	0,14	80

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

# MASKPRESS EN 14594

Hose according to EN 14594

## 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



## Tolerances

According to UNI EN ISO 1307/97

### On inside diameter:

I.D. 9,5 mm:  $\pm 0,80$  mm

Length tolerance:  $\pm 1$  %

## Applications

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).

## Temperature Range

-30 °C (-22 °F) to +80 °C (+176 °F)

Part Number/ Standard Length m	I.D. mm	O.D. mm	Working Pressure			Burst Pressure			Weight kg/m	min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH30310128/100	9,5	19	1.0	150.0	10	10.0	1500.0	100	0.33	60



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