

ALPI 3300 - ALPI 4000

Vitillo Isobaric Hose - Simplify your life



We feel better under pressure

The **Alpi isobaric braided hose** range is the Vitillo reply to the OEM market request for an easy, safe and high quality solution for hydraulic systems. Vitillo **Alpi 3300** and **Alpi 4000** hoses guarantee resistance to constant pressure in every size, simplifying the planning and maintenance of the hydraulic system.

Our isobaric hoses are compatible with our no skive ferrules, they are very easy to identify thanks to the different label colors: white for Alpi 3300 (225 bar – 3260 psi) and grey for Alpi 4000 (280 bar – 4061 psi). In addition the Alpi hoses are very highly resistant to abrasion and ozone, thanks to the **Msha approved Evergreen cover**. Also the Alpi hoses have **reduced bending radius** for the best flexibility.

1.000.000 impulse cycles tested!

ALPI 3300 - ALPI 4000

Alpi 3300

EXCEEDS SAE 100 R17 - EXCEEDS ISO 11237 R17

Hose size		Outside diameter		Max working pressure		Min burst pressure		Min bend radius	
									
D.N.	Inch	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm
5	3/16"	0.43	10.8	3260	225	13000	900	1.38	35
6	1/4"	0.47	12.0	3260	225	13000	900	1.58	40
8	5/16"	0.54	13.6	3260	225	13000	900	1.77	45
10	3/8"	0.61	15.6	3260	225	13000	900	2.17	55
12	1/2"	0.76	19.4	3260	225	13000	900	2.76	70
16	5/8"	0.94	24.0	3260	225	13000	900	3.15	80
19	3/4"	1.08	27.5	3260	225	13000	900	3.94	100
25	1"	1.38	35.2	3260	225	13000	900	4.53	115

Alpi 4000

EXCEEDS SAE 100 R19 - EXCEEDS ISO 11237 R19

Hose size		Outside diameter		Max working pressure		Min burst pressure		Min bend radius	
									
D.N.	Inch	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm
6	1/4"	0.48	12.2	4061	280	16240	1120	1.57	40
8	5/16"	0.59	15.0	4061	280	16240	1120	1.97	50
10	3/8"	0.67	17.0	4061	280	16240	1120	2.17	55
12	1/2"	0.80	20.4	4061	280	16240	1120	2.95	75
16	5/8"	0.93	23.7	4061	280	16240	1120	3.15	80
19	3/4"	1.08	27.5	4061	280	16240	1120	3.94	100
25	1"	1.41	35.6	4061	280	16240	1120	4.53	115

Applications:

Medium - High Pressure
Hydraulic Lines with
Installation constraints

Compatible Fluids:

Petroleum and water-glycol based
fluids, lubricating oils and water

Operating temperature range:

- 40°C/+100°C
(-40°F to +212°F)
with peaks of +125°C (257°F)

Features:



Tube:

Oil resistant synthetic rubber

Reinforcement:

Alpi 3300
1 high tensile steel braid (DN 5 to 12)
2 high tensile steel braid (DN 16 to 25)

Alpi 4000
1 high tensile steel braid (DN 6)
2 high tensile steel braid (DN 8 to 25)

Cover:

Black synthetic rubber **MSHA approved**

