

EVEREST

Isobaric Spiral Hoses - New peaks of performance



Engineered by our R&D Innovation Centre, **EVEREST spiral isobaric hoses** provide **exceptional flexibility** and durability against high pressure, abrasion, and ozone. Available in ratings from **3000 to 7300 PSI (210 to 500 bar)**, these hoses are lighter than standard spiral designs for enhanced handling.

Their compatibility with **no-skive fittings** simplifies assembly, while rigorous testing for **1 million impulse cycles** ensures maximum reliability in heavy-duty applications.

1.000.000 impulse cycles tested!

EVEREST

Hose size		Outside diameter		Max working pressure		Min burst pressure		Min bend radius	
	Inch		mm		Bar		Bar		mm
D.N.	Inch	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm

Vitillo **EVEREST 7300** Flame Resistant **MSHA IC-365/03** EXC. SAE 100 R15

19	3/4"	1.22	31.0	7300	500	29200	2000	7.09	180
25	1"	1.52	38.6	7300	500	29200	2000	8.27	210
31	1" 1/4	1.95	49.5	7300	500	29200	2000	13.78	350

Vitillo **EVEREST 4C 6000** Flame Resistant **MSHA IC-365/03** EXC. SAE 100 R15

19	3/4"	1.16	29.6	6000	420	24000	1680	4.72	120
25	1"	1.43	36.4	6000	420	24000	1680	5.90	150
31	1" 1/4	1.77	45.0	6000	420	24000	1680	8.86	225

Vitillo **EVEREST 6000** Flame Resistant **MSHA IC-365/03** ISO 18752 EXC. SAE 100 R15

6	1/4"	0.69	17.5	6000	420	24000	1680	2.36	60
10	3/8"	0.81	20.6	6000	420	24000	1680	2.56	65
12	1/2"	0.94	23.8	6000	420	24000	1680	3.54	90
16	5/8"	1.08	27.4	6000	420	24000	1680	3.94	100
19	3/4"	1.22	31.0	6000	420	24000	1680	5.31	135
25	1"	1.52	38.6	6000	420	24000	1680	6.50	165
31	1" 1/4	1.95	49.5	6000	420	24000	1680	11.80	300
38	1" 1/2	2.24	57.0	6000	420	24000	1680	18.11	460
51	2"	2.78	70.5	6000	420	24000	1680	21.26	540

Vitillo **EVEREST 5500** Flame Resistant **MSHA IC-365/03** ISO 18752

19	3/4"	1.16	29.6	5500	380	22000	1520	5.31	135
25	1"	1.43	36.4	5500	380	22000	1520	6.50	165

Operating temperature range:

-40°C/+120°C (-40°/+250°F)
with peaks of +125°C (+257°F)

Optional version **ICE**
(only for Everest 6000 and Everest 4C 6000)
-55°C/+100°C (-67°F/+212°F)

The combination of high temperature and high pressure reduces the hose service life.

Features*

- 1/2** Reduced bending radius
- Ozone resistance **x50**
- Abrasion resistance **x8**
- High pressure

Reinforcement:

Everest 3000 - 4000 - 5500 - 4C 6000
4 high tensile steel spirals

Everest 5000
4 high tensile steel spirals (DN12-31)
6 high tensile steel spirals (DN38-DN51)

Everest 6000
4 high tensile steel spirals (DN6-25)
6 high tensile steel spirals (DN31-51)


Everest 7300
4 high tensile steel spirals (DN19-25)
6 high tensile steel spirals (DN31)

EVEREST


Hose size	Outside diameter	Max working pressure	Min burst pressure	Min bend radius
 D.N.				
Inch	Inch mm	PSI Bar	PSI Bar	Inch mm

 **EVEREST 5000** Flame Resistant MSHA IC-365/03 ISO 18752 EXC. SAE 100 R13

12	1/2"	0.94	23.8	5000	350	20000	1400	3.54	90
16	5/8"	1.08	27.4	5000	350	20000	1400	3.94	100
19	3/4"	1.24	31.4	5000	350	20000	1400	4.72	120
25	1"	1.52	38.5	5000	350	20000	1400	5.90	150
31	1" 1/4	1.81	46.0	5000	350	20000	1400	9.84	250
38	1" 1/2	2.24	57.0	5000	350	20000	1400	12.99	330
51	2"	2.78	70.5	5000	350	20000	1400	16.53	420

 **EVEREST 4000** Flame Resistant MSHA IC-365/03 ISO 18752 EXC. SAE 100 R12

10	3/8"	0.79	20.0	4000	280	16000	1120	2.36	60
12	1/2"	0.91	23.0	4000	280	16000	1120	3.54	90
16	5/8"	1.06	27.0	4000	280	16000	1120	3.94	100
19	3/4"	1.21	30.7	4000	280	16000	1120	4.73	120
25	1"	1.51	38.3	4000	280	16000	1120	5.91	150
31	1" 1/4	1.81	46.0	4000	280	16000	1120	8.86	225
38	1" 1/2	2.09	53.2	4000	280	16000	1120	9.84	250
51	2"	2.62	66.5	4000	280	16000	1120	12.59	320

 **EVEREST 3000** Flame Resistant MSHA IC-365/03 ISO 18752

31	1" 1/4	1.83	46.5	3000	210	12000	840	8.27	210
38	1" 1/2	2.11	53.5	3000	210	12000	840	9.84	250
51	2"	2.62	66.5	3000	210	12000	840	12.60	320

Certifications:



Marine Equipment Directive (MED)
Only for Everest 4000-5000-6000



DNV Ships Pt.4 Ch6
DNV-OS-D101
DNV-CP-0183
Only for Everest 4000-5000-6000



Mine Safety and Health Administration

Cover:

EVERGREEN cover with high abrasion and ozone resistance (MSHA).

Optional version **FOREVER** cover with polyethylene coating with outstanding abrasion and ozone resistance (MSHA).



Compatibility chart between Vitillo hoses and fittings

		1/4"	3/8"	1/2"	5/8"	3/4"	1"	1"1/4"	1"1/2"	2"
		6	10	12	16	19	25	31	38	51
EVEREST 7300	Double skive					Interlock Ferrules and Interlock Fittings				
EVEREST 4C 6000	No-skive					Hyperspiral Ferrules and Hyperspiral Fittings				
	No-skive					B5K Ferrules and Standard Fittings				
	Ext. skive					B9R Ferrules and Standard Fittings				
	Double skive					Interlock Ferrules and Interlock Fittings				
EVEREST 6000	No-skive	Hyperspiral Ferrules and Hyperspiral Fittings								
	Ext. skive	B9R Ferrules and Standard Fittings								
	Double skive					Interlock Ferrules and Interlock Fittings				
EVEREST 5500	No-skive					Hyperspiral Ferrules and Hyperspiral Fittings				
	Ext. skive					B9R Ferrules and Standard Fittings				
	Double skive					Interlock Ferrules and Interlock Fittings				

Compatibility chart between Vitillo hoses and fittings

		1/4"	3/8"	1/2"	5/8"	3/4"	1"	1"1/4"	1"1/2"	2"	
		6	10	12	16	19	25	31	38	51	
EVEREST 5000	No-skive			Hyperspiral Ferrules and Hyperspiral Fittings							
	No-skive			B5K Ferrules and Standard Fittings							
	Ext. skive			B9R Ferrules and Standard Fittings							
	Double skive					Interlock Ferrules and Interlock Fittings					
EVEREST 4000	No-skive			Hyperspiral Ferrules and Hyperspiral Fittings							
	No-skive			B5K Ferrules and Standard Fittings							
	Ext. skive			B9R Ferrules and Standard Fittings							
EVEREST 3000	No-skive							Hyperspiral Ferrules and Fittings			
	No-skive							B5K and Std Fitt.			
	Ext. skive							B9R Ferrules and Standard Fittings			

1.000.000
impulse cycles tested!





 Vitillo

EVEREST 4C 6000

3/4"

(19.0 mm)

Flame
Resistant

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