

EVEREST

Isobaric Spiral Hoses - New peaks of performance



We feel better under pressure

The **EVEREST** hoses, result of the work of our R&D Innovation Centre, are spiral isobaric hoses characterized by very **high flexibility and extreme resistance** to high pressures, abrasion and ozone.






Available in the ranges **3000 - 4000 - 5000 - 6000 psi**, these hoses are ideal for heavy duty applications, hard working environments and tight spaces.

Moreover the lower weight compared to the standard spiral hoses and the **compatibility with our no-skive solutions** make the handling and the assembly processes easier.

For the best performance, all our Everest hoses are tested with **1 Million impulse cycles**.

1.000.000 impulse cycles tested at 133% of working pressure!

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

Applications:

Very demanding conditions in pressure, pulsing and flexing

Qualified Fluids:

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

Operating temperature range:

- 40°C/+121°C
(-40°F to +250°F)
with peak of +125°C (257°F)

Features:



Tube:

Oil resistant synthetic rubber

Reinforcement:

Everest 3000 - Everest 4000
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)

Cover:

Black synthetic rubber **MSHA approved**



Vitillo Everest 6000		ISO 18752 - Flame Resistant MSHA IC-247			
6	1/4"	0.69 17.5	6000 420	24000 1680	2.36 60
10	3/8"	0.83 21.0	6000 420	24000 1680	3.55 90
12	1/2"	0.94 23.8	6000 420	24000 1680	4.73 120
16	5/8"	1.08 27.4	6000 420	24000 1680	7.09 180
19	3/4"	1.21 30.8	6000 420	24000 1680	8.27 210
25	1"	1.51 38.4	6000 420	24000 1680	9.85 250
31	1" 1/4	1.95 49.5	6000 420	24000 1680	17.53 445
38	1" 1/2	2.24 57.0	6000 420	24000 1680	20.88 530
51	2"	2.66 67.5	6000 420	24000 1680	25.61 650

Vitillo Everest 5000		ISO 18752 - Flame Resistant MSHA IC-247			
12	1/2"	0.94 23.8	5000 350	20000 1400	4.73 120
16	5/8"	1.08 27.4	5000 350	20000 1400	5.52 140
19	3/4"	1.23 31.2	5000 350	20000 1400	5.91 150
25	1"	1.51 38.3	5000 350	20000 1400	7.09 180
31	1" 1/4	1.81 46.0	5000 350	20000 1400	11.03 280
38	1" 1/2	2.24 57.0	5000 350	20000 1400	19.07 500
51	2"	2.66 67.5	5000 350	20000 1400	21.67 550

Vitillo Everest 4000		ISO 18752 - Flame Resistant MSHA IC-247			
12	1/2"	0.91 23.0	4000 280	16000 1120	2.56 65
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	10.24 260
38	1" 1/2	2.09 53.2	4000 280	16000 1120	16.55 420
51	2"	2.66 67.5	4000 280	16000 1120	20.88 530

Vitillo Everest 3000		ISO 18752 - Flame Resistant MSHA IC-247			
31	1" 1/4	1.94 49.2	3000 210	12000 840	9.06 230
38	1" 1/2	2.17 55.0	3000 210	12000 840	16.55 420
51	2"	2.60 66.0	3000 210	12000 840	22.06 560

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 6000	No-skive		Hyperspiral Ferrules and Hyperspiral Fittings								
	Ext. skive	B9R Ferrules and Standard Fittings									
	Double skive					Interlock Ferrules and Interlock Fittings					
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/B4SH Ferrules and Standard Fittings					
EVEREST 3000	No-skive							Hyper spiral			
	No-skive							B5K and Std Fitt.			
	Ext. skive							B9R/B4SH Ferrules and Standard Fittings			

1.000.000
impulse cycles tested

