

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

		Everest 6000		ISO 18752 - Flame Resistant MSHA IC-365/03			
6	1/4"	0.69	17.5	6000	420	24000	1680
10	3/8"	0.81	20.6	6000	420	24000	1680
12	1/2"	0.94	23.8	6000	420	24000	1680
16	5/8"	1.08	27.4	6000	420	24000	1680
19	3/4"	1.22	31.0	6000	420	24000	1680
25	1"	1.52	38.6	6000	420	24000	1680
31	1" 1/4	1.95	49.5	6000	420	24000	1680
38	1" 1/2	2.24	57.0	6000	420	24000	1680
51	2"	2.78	70.5	6000	420	24000	1680

		Everest 5000		ISO 18752 - Flame Resistant MSHA IC-365/03			
12	1/2"	0.94	23.8	5000	350	20000	1400
16	5/8"	1.08	27.4	5000	350	20000	1400
19	3/4"	1.24	31.4	5000	350	20000	1400
25	1"	1.52	38.5	5000	350	20000	1400
31	1" 1/4	1.81	46.0	5000	350	20000	1400
38	1" 1/2	2.24	57.0	5000	350	20000	1400
51	2"	2.78	70.5	5000	350	20000	1400

		Everest 4000		ISO 18752 - Flame Resistant MSHA IC-365/03			
10	3/8"	0.79	20.0	4000	280	16000	1120
12	1/2"	0.91	23.0	4000	280	16000	1120
16	5/8"	1.06	27.0	4000	280	16000	1120
19	3/4"	1.21	30.7	4000	280	16000	1120
25	1"	1.51	38.3	4000	280	16000	1120
31	1" 1/4	1.81	46.0	4000	280	16000	1120
38	1" 1/2	2.09	53.2	4000	280	16000	1120
51	2"	2.62	66.5	4000	280	16000	1120

		Everest 3000		ISO 18752 - Flame Resistant MSHA IC-365/03			
31	1" 1/4	1.83	46.5	3000	210	12000	840
38	1" 1/2	2.11	53.5	3000	210	12000	840
51	2"	2.60	66.0	3000	210	12000	840

Applications:

Very demanding conditions in pressure, pulsing and flexing

Qualified Fluids:

Petroleum and water-glycol 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:

Highly abrasion, ozone and flame resistant synthetic cover. **MSHA approved**



Publication date: FEB 2023 -
Subject to changes without notice

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 Ferrules and Standard Fittings						
EVEREST 3000	No-skive							Hyper spiral		
	No-skive							B5K and Std Fitt.		
	Ext. skive							B9R Ferrules and Standard Fittings		



1.000.000
impulse cycles tested



vitillo.eu