

TECHNICAL DATA.

Flexible PVC hoses with totally smooth inside and outside surfaces reinforced with practically indeformable and shock-resistant rigid PVC spiral.

“HIDROFLEX” size according to UNE-EN ISO 3994 regulation.

Ø outside	Tolerance outside	thickness	Ø inside	Tolerance inside
20	+ 0.4 - 0.1	2.0	16	± 0.75
25		2.50	20	± 1.25
32		3.0	26	± 1.25
40		3.0	34	± 1.50
50		3.50	43	± 1.50
63		4.0	55	± 1.50
75		4.5	66	± 1.50
90		5.0	80	± 1.50

Requirements for use of the hose

Hidroflex The tube is designed for suction and discharge of aqueous materials in a temperature range between - 10 and 55 ° C.

These tubes are not designed for use with flammable or combustible materials or with aromatic solvents

Pressure tests.

- Service pressure:

Standard temperatura of $\pm 23^{\circ}\text{C}$.

Ø outside	Service pressure (bar)
12.5 to 25 inclusive	7
31.5 to inclusive 80	5
90	3

Standard temperatura of $\pm 55^{\circ}\text{C}$.

\varnothing outside	Service pressure (bar)
12.5 to 25 inclusive	2
31.5 to 63 inclusive 80	1,5
90	1

Burst pressure:

<i>Standard temp. $23^{\circ} \pm 2^{\circ}$</i>	
\varnothing nominal	Minimum broken pressure (bar)
12.5 to 25 inclusive	17
31.5 hasta 63, inclusive 80	12.5
90	7.5
<i>temp. A $55^{\circ} \pm 2^{\circ}$</i>	
\varnothing nominal	Minimum broken pressure (bar)
12.5 to 25 inclusive	5
31.5 to 63, inclusive 80	4
90	2.5

In the facility must be curved with a radius of curvature of less than 3 times higher than its own diameter:

Nominal Outside diameter (mm)	Radius of curvature (mm)
20	60
25	75
32	96
40	120
50	150
63	189
90	240