



## APPLICATIONS



The **GECICHEM UPE hose** is recommended for suction and discharge of most corrosive chemicals, as well as for use on mobile and fixed chemical industry installations, unloading docks and tankers. It can also be used for transferring food, acidic, alcoholic or fatty liquids.

## CHARACTERISTICS



Adaptable to many chemicals.  
 Excellent mechanical resistance.  
 Excellent bending radius.  
 Great resistance to aging, abrasion, chemicals, atmospheric conditions and ozone.  
 Sterilization 30 min at 140°C.

## COMPOSITION



- Tube: black and smooth UPE (ultra high molecular weight polyethylene).
- Reinforcement: synthetic textile with embedded steel helix.
- External covering: EPDM black, fabric impression.



+100°C  
 -40°C

## STANDARDS



FDA 21 CFR 177.1520, EN12115 standard, Regulation (EC) 1935/2004, 2023/2006 and 10/2011, for use in ATEX zones, phtalate free.



DN	Ø int		Ø ext		Working pressure		Bursting pressure		Bend radius		Weight	
	mm	inch	mm	inch	bar	PSI	bar	PSI	mm	inch	kg/m	lb/f
25	25	0.98	37	1.46	16	232	64	928	70	2.76	0.76	0.51
32	32	1.26	44	1.73	16	232	64	928	90	3.54	0.97	0.65
38	38	1.50	51	2.01	16	232	64	928	105	4.13	1.20	0.81
50	50	1.97	66	2.60	16	232	64	928	140	5.51	1.84	1.24
63	63	2.48	79	3.11	16	232	64	928	180	7.09	2.58	1.73
75	75	2.95	91	3.58	16	232	64	928	215	8.46	3.20	2.15
100	100	3.94	116	4.57	16	232	64	928	280	11.02	4.17	2.80

Other diameters on request.

Values below are given for use at ambient temperature (+/- 20°C) and may vary depending upon conditions of use.  
 Dimensional tolerances: contact us.