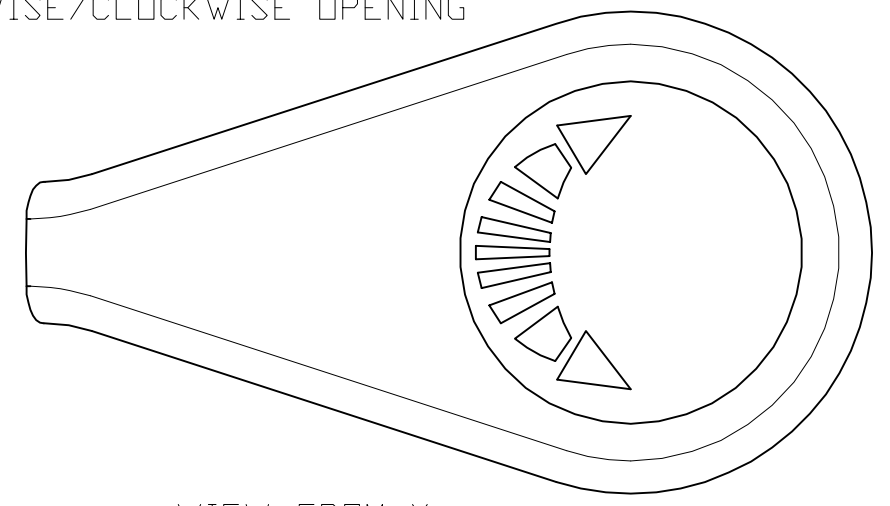


10	ACTUATOR	POLYPROPYLENE
9	OUTER GASKET	POLYETHYLENE-TRISEAL
8	RETAINER	POLYPROPYLENE
7	CLOSURE	POLYPROPYLENE
6	PISTON	POLYETHYLENE
5	STEM	POLYPROPYLENE
		ACETALIC RESIN
4	LONG SPRING	STAINLESS STEEL
3	HOUSING	POLYPROPYLENE
2	BALL	ACETALIC RESIN
1	DIP TUBE	POLYETHYLENE
N	COMPONENTS	MATERIALS

Tolerances		
	mm	inches
a	0,40	0,016
	-0,40	-0,016
b	0,72	0,028
	-0,72	-0,028
c	0,27	0,011
	-0,37	-0,015
d	0,20	0,008
	-0,20	-0,008
e	0,15	0,006
	-0,05	-0,002
f	0,05	0,002
	-0,15	-0,006
g	0,57	0,022
	-0,17	-0,007

COUNTER CLOCKWISE/CLOCKWISE OPENING



Dosages ( $\mu$ l)	Stroke	
	mm	inches
2000	13,0	0,512

DIMENSIONS SHOWN DO NOT ALLOW FOR MATERIAL COMPRESSION  
 The exact materials used in the ordered execution are specified and univocally defined by the commercial description/production codes.  
 Emsar S.p.A. reserves the right to modify/amend this specification without prior notice or approval  
 NOT FOR INCOMING INSPECTION USE

Dimensions in mm inches are in [ ]	Description	D	Agg. vista dall'atto	13/JUN/07
	GS-28/410-3N B8 (DROP SAFE)	C	Agg. formato	12/OCT/05
		B	Agg. vista dall'atto	16/12/03
		A	Sostituito corpo e ghiera	25/07/03
			First Issue	04/06/03
		Mod.	Change N°	Date
		Q.A.		
		Chkd.		
		Drawn	Bascelli	
			Name	Signature

FIDEL FILLAUD www.fidel-fillaud.com  
 FT1907 (1 page) Diffusion non contrôlée  
 ATTENTION : FIDEL FILLAUD garantit au client la fonctionnalité des éléments constituant l'emballage vendu. Il appartient au client d'en vérifier la compatibilité physique et chimique avec ses produits dans les conditions usuelles de remplissage, stockage et transport.

Mod. ENG./UTP\_018\_Rev.1B



## TABLE OF RAW MATERIAL USED

Int. N°. 1758

**DESCRIPTION: GS-28/410-A298-3N--2000-d.t.l.-B8----GS13-----TH048---**

COMPONENTS	CHEMICAL DENOMINATION	TRADE NAME	PRODUCER	COMPLIANCE					WEIGHT (g)	
1	DIPTUBE	80% LDPE 20% LLDPE	RIBLENE FC 20 FLEXIRENE FF 25	POLIMERI EUROPA POLIMERI EUROPA	FDA FDA	BGVV BGVV	D.M. 21/03/73 D.M. 21/03/73	CONEG CONEG	EC 90/128 EC 90/128	9,41/m
		60% LDPE 40% LLDPE	NSC 20	ACTION T.	FDA	BGVV	D.M. 21/03/73	CONEG	EC 90/128	
		80% LDPE 20% LLDPE	ALCUDIA PE 033 FLEXIRENE FF 25	REPSOL POLIMERI EUROPA	FDA FDA	BGA BGVV	D.M. 21/03/73	CONEG CONEG	EC 90/128	
		70% LDPE 30% LLDPE	A3 001 LARP	LARP	FDA			CONEG	EC 2002/72	
		80% LDPE 20% LLDPE	RIBLENE FC 20 INNOVEX LL0209AA	POLIMERI EUROPA BP	FDA FDA	BGVV BGA	D.M. 21/03/73 D.M. 21/03/73	CONEG CONEG	EC 90/128 EC 90/128	
2	SCREWCAP	PP rnd	MOPLEN RP340N	BASELL	FDA	BGVV	D.M. 21/03/73	CONEG	EC 2002/72	2,540
3	GASKET	EPE	TRESYLENE 4000	MGJ	FDA	BGVV	D.M. 21/03/73	CONEG	EC 2002/72	0,096
4	HOUSING	PP homo	MOPLEN HP510M MOPLEN HP500N	BASELL BASELL	FDA FDA	BGVV	D.M. 21/03/73 D.M. 21/03/73	CONEG CONEG	EC 2002/72 EC 2002/72	2,339
5	STEM	POM copo	ULTRAFORM N 2320/003	BASF	FDA	BGVV	D.M. 21/03/73	CONEG	EC 90/128	0,855
6	PISTON	LLDPE	STAMILEX 1046 F	DSM	FDA	BGVV		CONEG	EC 90/128	0,486
7	SPRING	stainless steel	AISI 302	Vari	FDA	BGA	D.M. 21/03/73	CONEG		0,719
8	BALL	POM homo	DELFIN 500	DU PONT	FDA	BGA	D.M. 21/03/73	CONEG	EC 90/128	0,077
9	RETAINER	PP copo	BC250MO	BOREALIS	FDA	BGVV	D.M. 21/03/73	CONEG	EC 2002/72	1,160
10	ACTUATOR	PP rnd	MOPLEN RP340N	BASELL	FDA	BGVV	D.M. 21/03/73	CONEG	EC 2002/72	2,564

date: 13/06/07

The above material specification refers direct to the issue date/n° of this document.  
EMSAR SpA reserves the right to modify/amend this specification without prior notice or approval