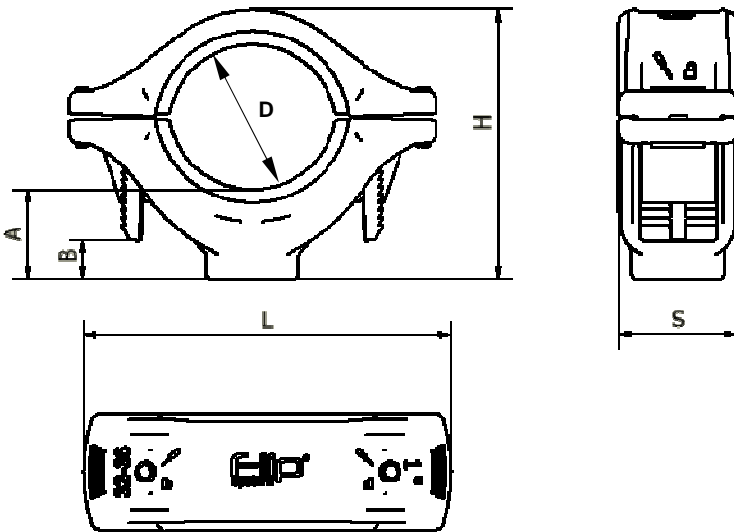
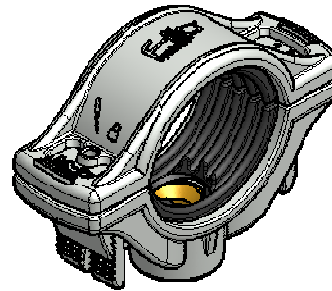


DATA SHEET
QUICK PIPE-CLAMP


Patent model
Trademark
Patent design


MATERIALS / FINISH

- BODY: PA 6/6 stabilized UV rays / Grey RAL 7035
- NO-VIBRATION ELEMENT: EPDM chemical adhesion, hardness 65 Shore A / BLACK
- INSERT: BRASS CW614N

SIZES AND WEIGHT

Pipe-clamp code	Flip 1418	Flip 2024	Flip 2530	Flip 3236	Flip 3844	Flip 4450	Flip 5662	Flip 7480	Flip 8490	Tolerance
Inches	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	-
D	14-18	20-24	25-30	32-36	38-44	44-50	56-62	74-80	84-90	-
H	38	43	48	57	63	74	86	105	115	± 1
L	53	65	70	78	86	92	105	126	136	± 1
S	20	25	25	25	27,5	27,5	27,5	30	30	± 0.5
A	18	18	18	19	19	23	23	23	23	-
B	7	9	12	8	10	12	15	24	29	-
∅ Insert	M8	M8	M8	M8	M8	M8-M10	M8-M10	M8-M10	M8-M10	-
∅ Screw hole	6	6	6	6	6	6	6	6	6	± 0.2
Weight (g)	24	35	38	45	53	62	72	99	112	± 1

STRESS AT BREAK¹

Pipe-clamp code	Flip 1418	Flip 2024	Flip 2530	Flip 3236	Flip 3844	Flip 4450	Flip 5662	Flip 7480	Flip 8490	Unit of measurement
Diameter	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	Inches
Without any exposure										
Tensile strength	1,42	2,58	2,68	3,41	3,62	3,96	4,56	5,76	5,20	KN
Shearing stress	2,15	2,24	2,33	2,39	2,29	2,12	1,98	1,34	1,14	KN
Exposure to UV Rays 2 years²										
Tensile strength	1,80	3,18	3,31	4,21	4,47	4,89	5,63	7,11	6,42	KN
Shearing stress	2,24	2,33	2,43	2,49	2,38	2,21	2,06	1,40	1,19	KN
Exposure to Salt Sprays 2 years³										
Tensile strength	1,21	2,20	2,29	2,91	3,09	3,38	3,90	4,91	4,44	KN
Shearing stress	1,70	1,76	1,83	1,88	1,80	1,67	3,72	1,05	0,90	KN

¹ Technical data generated by the external examinations lab **EQI – European Quality Institute Srl**;

² **Flip 32-36** Sample tested for UV aging referring to **UNI9922:92 4h UV(B)** and **4h condensation (200h)**. Values of the other samples are estimated.

³ Flip 32-36 Sample tested for salt sprays referring to UNI EN ISO 9227:06-TIPO NSS (200h). Values of the other samples are estimated.

NOTE:

All values are in millimetres;
 The values shown are at break. It is recommended to use an appropriate safety factor;
 The values of tensile strength and shearing stress are average;
 1 KN=100 Kgf.

INSTRUCTION FOR STORAGE AND USE

Store items at temperatures higher than 10 ° C: the pipe at low temperature loses the elasticity necessary for the assembly and the resistance decreases (the seal during use is ensured even at low temperatures);
Do not hit the mobile part with a hammer or other tools to close it: it could compromise the security of toothed tabs;
 When using **the maximum operating temperature is 100 ° C in continuous;**
 During the screwing to the wall **do not use tools to force the locking pipe** with the dowel / bar threaded screw double;
 Thanks the goods material used, closure and reopening of the pipe are guaranteed.
Avoid keeping deformed along the toothed tabs to not affect their functionality.
 If the toothed tabs are deformed due to a not proper use, leave the two parts not assembled with each other to recover the original form.

CHEMICAL RESISTANCE					
Reactant	About reactant	Temp. (°C)	Time (days)	PDL RATING	About resistance
Burning oil		23		8	Excellent resistance
Engine oil		81	3	6	
	5W30	23	60	9	
Mineral oil		23		8	Resistant
		93	1	1	
Ethylene glycol		23	56	6	Small changes in properties
		23	7	6	
Petrol	Gas oil	23		8	Resistant very good
	Gasoline	23	21	9	
Diesel		22	30	9	Resistant
	Diesel oil	23		8	

Way to use:

Pipe diameter 32 mm



Pipe diameter 36 mm



⁴ This assessment was developed by PDL and 10 as maximum value and 1 as a minimum. Bibliography: CHEMICAL RESISTANCE, vol. I- Thermoplastics, Second Edition, PDL Handbook Series, Plastic Design Library, 13 Eaton Avenue Norwich, NY



