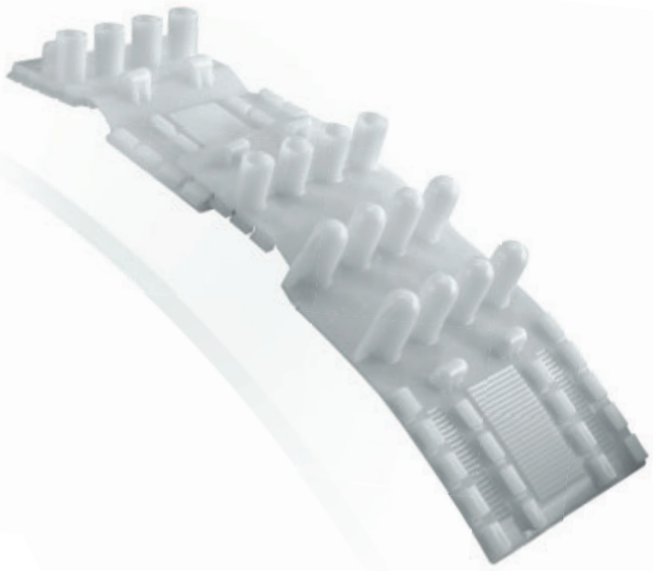
TYPE F/G

MOD. 13100/F | **PIPE DN 100-500**
H. 25-41-60-75 mm

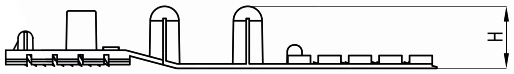
MOD. 13100/G | **PIPE DN 100-500**
H. 25-41-60 mm

Spacer for pipeline crossings.

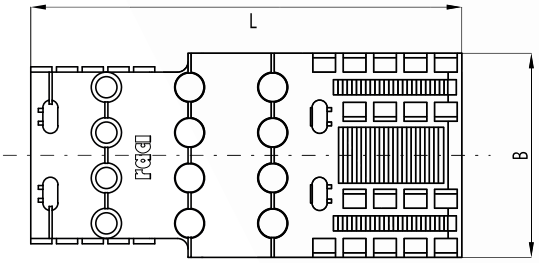


CHARACTERISTICS

- Modular system to assemble insulator rings, which allows spacers to be used on a wide pipe diameter range therefore reducing inventory costs.
- Spacers are quickly and easily assembled by manually fitting elements one into the other.
- The tooth insertion method allows on site adjustments to fit a wide range of pipe diameters.
- Spacers are manufactured entirely out of high density polyethylene (HDPE). No metal bolts or attachments are required.
- A low friction coefficient guarantees an easy insertion into the casing.
- Designed and tested to maintain continuous and long term support for the carrier pipe and its contents.
- Spacers provide a constant projection around the entire circumference of the carrier pipe.
- Spacers provide long term protection from corrosion.
- Spacers can be installed on steel-coated pipes, concrete pipes, ductile iron pipes or plastic pipes.
- Heights 25 mm and 41 mm homologated according to SNAM RETE GAS specification (GASD A 09.01.06 and GASD C 09.06.00).
- Tightening by tool type C90 for height up to 75 mm.



eF



MATERIAL - HDPE

Yield strength*:
≥ 25 N/mm² (test according to UNI EN ISO 527-2)

Elongation at break*:
> 200% (test according to UNI EN ISO 527-2)

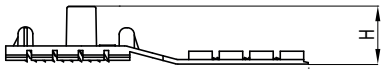
Hardness shore D:
64 - ASTM D 2240

Minimum working temperature:
- 20°C (for applications below 5°C contact Raci)

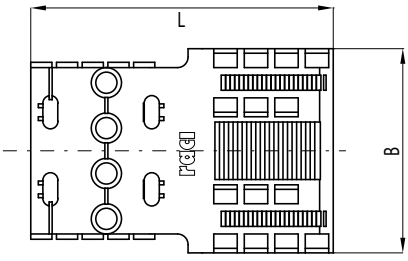
Minimum stocking temperature:
- 5°C (for applications below 5°C contact Raci)

Dielectric strength:
> 37 kV/mm - ASTM D 149/64

UVL stabilization:
Good



eG



(*) on test specimen with moulded material, realized and tested for every batch of production. Batch number is marked on each element recording nr/year of moulding.

TYPE F/G

TYPE	USEFUL LENGTH		WIDTH (B)		HEIGHT (H)		LOADING CAPACITY(kg)
	mm	inch	mm	inch	mm	inch	
F	197 - 237	7,7 - 9,3	130	5,1	25 - 41 - 60 - 75	0,98 - 1,61 2,36 - 2,95	500
G	91 - 129	3,6 - 5			25 - 41 - 60	0,98 - 1,61 - 2,36	

The loading capacity values are esteemed and verified under static and ideal conditions.

OUTSIDE Ø MAIN PIPE D.E.		SPACER ELEMENTS* (pcs.)		RECOMMENDED SPACING BETWEEN INSULATORS (H element)			
		Family		Gas		Water	
Ø MIN	Ø MAX	F	G**	mt	feet	mt	feet
92	115	1	1	2,5	8,2	2,5	8,2
116	152	2	-	2,5	8,2	2,5	8,2
153	188	2	1	2,5	8,2	2,0	6,6
189	224	3	-	2,5	8,2	2,0	6,6
225	260	3	1	2,0	6,6	2,0	6,6
261	295	4	-	2,0	6,6	2,0	6,6
296	313	4	1	2,0	6,6	2,0	6,6
314	376	5	-	2,0	6,6	1,5	4,9
377	446	6	-	2,0	6,6	1,5	4,9
477	528	7	-	2,0	6,6	1,5	4,9

(*) number and type of elements to make one insulator ring around the entire circumference of the carrier pipe.

(**) The element G was designed as special pipe sizes for closing element in order to complete the circumferences on some pipe OD ranges. Therefore it is not possible to use more than 1 elements G in a ring.

TYPE	H (mm)	PIECES FOR CARTON BOX	CARTON DIMENSIONS (cm)	CARTONS WEIGHT (Kg)	
				Net	Gros
F	25	150	60 x 40 x 50	22	24
	41	100		17	19
	60	70		14	16
	75	60		15	17
G	25	50	40 x 30 x 25	4,5	5,5
	41	60		6	7
	60	40		4	5

Note: for logistic reasons, deliveries are for full carton boxes only.

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