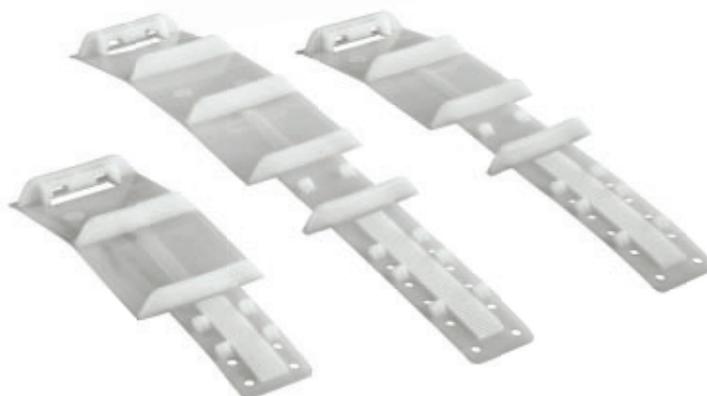


HDPE SPACERS TYPE C/D/I

MOD. 13100/C	PIPE DN 40-200 H. 15 mm
MOD. 13100/D	PIPE DN 40-200 H. 15 mm
MOD. 13100/I	PIPE DN 40-200 H. 15 mm

Spacer for low diameter 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.

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)

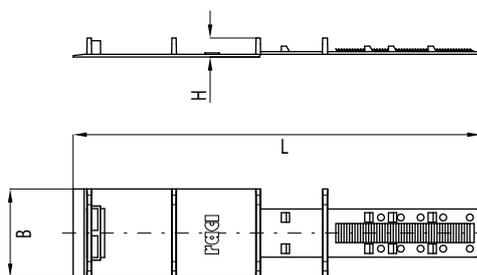
Hardness shore D:
64 - ASTM D 2240

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

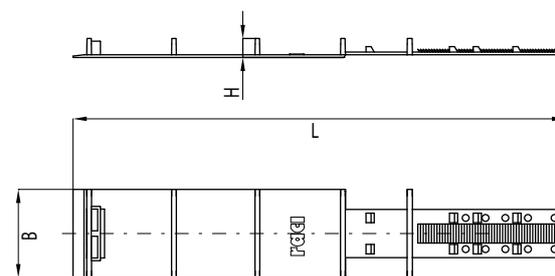
Minimum stocking temperature:
-5°C (for applications below 5°C contact Raci)

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

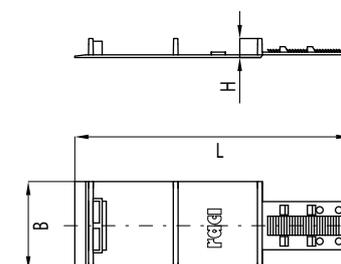
UVL stabilization:
Good



e C



e D



e I

(*) 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	USEFUL LENGTH		WIDTH (B)		HEIGHT (H)		LOADING CAPACITY (kg)
	mm	inch	mm	inch	mm	inch	
C	180 - 250	7 - 9,8	63	2,5	15	0,6	200
D	240 - 310	9,4 - 12					
I	130 - 160	5 - 6,3					

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)			
Ø MIN	Ø MAX	Family			Gas		Water	
		C	D	I	mt	feet	mt	feet
42	52	-	-	1	1,5	4,9	1,5	4,9
58	80	1	-	-	1,5	4,9	1,5	4,9
81	99	-	1	-	1,5	4,9	1,0	3,3
100	133	1	-	1	1,5	4,9	1,0	3,3
134	170	1	1	-	1,0	3,3	1,0	3,3
171	200	-	2	-	1,0	3,3	1,0	3,3

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

TYPE	H (mm)	PIECES FOR CARTON BOX	CARTON DIMENSIONS (cm)	CARTONS WEIGHT (Kg)	
				Net	Gros
C	15	120	40 x 30 x 35	4	5
D	15	100		5	6
I	15	150		4	5

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