

HDPE SPACERS TYPE A/B

MOD. 13100/A

PIPE DN 50-250
H. 19-36-50 mm



MOD. 13100/B

PIPE DN 50-250
H. 19-36-50 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.

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)

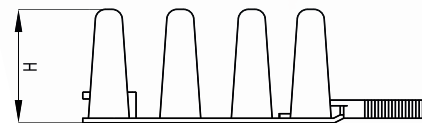
Hardness shore D:
64 - ASTM D 2240

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

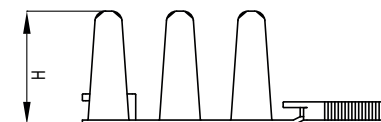
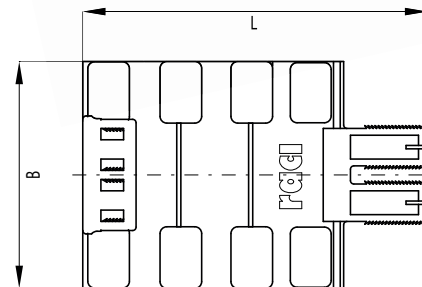
Minimum stocking temperature:
- 5°C (for applications below 5°C contact Raci)

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

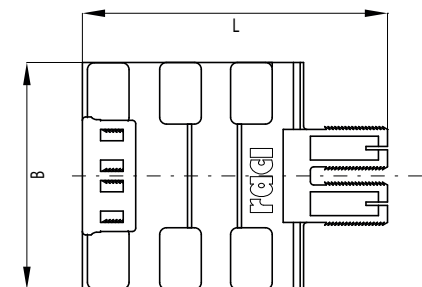
UVL stabilization:
Good



eA



eB



(*) 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	
A	113 - 128	4,5 - 5	100	3,9	19 - 36 - 50	0,75 - 1,42 - 1,97	180
B	95 - 110	3,7 - 4,3					

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	
		A	B	mt	feet	mt	feet
55	64	-	2	2,0	6,6	2,0	6,6
60	70	1	1	2,0	6,6	2,0	6,6
68	77	2	-	2,0	6,6	2,0	6,6
85	98	-	3	2,0	6,6	2,0	6,6
90	106	1	2	2,0	6,6	1,5	4,9
98	116	3	-	2,0	6,6	1,5	4,9
118	132	-	4	2,0	6,6	1,5	4,9
125	140	1	3	2,0	6,6	1,5	4,9
140	158	4	-	1,5	4,9	1,5	4,9
158	180	2	3	1,5	4,9	1,5	4,9
178	200	5	-	1,5	4,9	1,5	4,9
200	240	-	7	1,5	4,9	1,5	4,9
215	242	6	-	1,5	4,9	1,5	4,9
239	272	6	1	1,5	4,9	1,0	3,3
245	281	7	-	1,5	4,9	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
A	19	140	40 x 30 x 35	6	7
	36	110		6	7
	50	80		5	6
B	19	160	40 x 30 x 35	5	6
	36	130		4	5
	50	90		4	5

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