

Plastic Insulators

Polypropylene insulators are universally used in the installation of pipelines when the carrier pipe runs inside a casing.

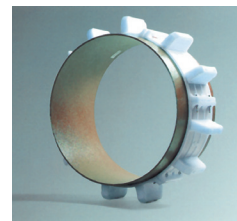
Plastic insulators provide various advantages:

- Easy installation of the carrier pipe since the plastic material reduces the friction coefficient to a minimum.
- Minimised friction prevents damage to the protective coating and insulation of the pipes.
- A wide range of skid heights ensures concentricity of the carrier pipe in the casing (if required).
- Excellent insulating properties of the plastic material ensures that all requirement for cathodic protection are met.

Plastic insulators are suitable for all pipe diameters from 25 mm upwards and many skid heights are available to suit specific requirements.



Type: PA	
carrier pipe	dia. 25 - 336 mm
skid height	11.5 - 90 mm
body	half rings or segments depending on pipe O.D.
fixing system	steel bolts DIN 912 and nuts DIN 562 or plastic bolts and nuts



Type: RGV	
carrier pipe	dia. 504 - 2000 mm
skid height	50 - 125 mm
body, 1 ring	1 ring = (x) segments depending on pipe O.D.
fixing system	steel bolts and nuts required for assembly are included



Type: AZ	
carrier pipe	dia. 98 - 385 mm
skid height	16 - 125 mm
body, 1 ring	1 ring = (x) segments depending on pipe O.D.
fixing system	steel bolts and nuts required for assembly are included

The insulator segments are specially designed for the requirements of cathodic protection with regard to insulation between the casing and carrier pipes which requires an insulator ring without metallic parts.

Insulators are supplied with all required steel bolts and nuts or with a bolt less wedge system.

For ordering, the following information is required:

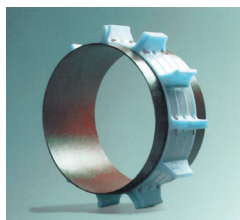
- Outside diameter of carrier pipeline
- Inside diameter of casing pipe

Special types for high temperatures

Special carrier pipe insulator types for high temperatures are also available. The segments, reinforced and resistant to 140° C, are particularly suitable for hot water pipelines, steam pipelines or direct heating pipelines.



Type: GKO	
carrier pipe	dia. 150 - 450 mm
skid height	16 - 125 mm
body, 1 ring	1 ring = (x) segments depending on pipe O.D.
fixing system	bolt less wedge system for assembly is included



Type: MA	
carrier pipe	dia. 400 - 1200 mm
skid height	25 - 75 mm
body, 1 ring	1 ring = (x) segments depending on pipe O.D.
fixing system	steel bolts and nuts required for assembly are included