

Plastic insulators HS (half ring)



In brief...

- Conventional insulator, made up from 2 half-rings which are matched exactly to the pipe diameter...
- ...making for fast assembly, since only four bolts per ring are needed.
- Stainless steel bolts (A2) or, on request, plastic bolts.

Ring sizes

Connection skid moulded to accommodate square nuts.



Ring composed of two HS 8 half-rings for pipe diameter 218-238 mm.

HS insulators are available in many sizes, exactly matching the pipe used. (See table below). Only 4 stainless steel bolts are required to connect the segments together.



Ring composed of two HS 4 half-rings for pipe diameter 108-124 mm.

Size chart

Type	minimum pipe ø (mm)	maximum pipe ø (mm)	skid heights
HS 2	59	68	all segments available in 16, 24, or 36 mm skid heights.
HS 4	108	124	
HS 6	160	182	
HS 8	218	238	
HS 10	273	295	
HS 12	323	343	

Material

HS insulators are made from highest quality original low pressure polyethylene (ND-PE, no reconstitutes).

This special polyethylene has the following technical features :

- high stress cracking resistance (18 h according to ATM D 1693)
- high impact strength (15 kJ/m² according to ISO 179/2C).
- very good compressive tenacity of ca. 10 N/mm².
- resistance to a constant temperature of 90° C and to short-term heating up to 110° C.

- outstanding dielectric strength (70-80 kVmm, DIN VDE 0303).
- good sliding properties.

HS insulators are made of black polyethylene and are ca. 15 times more UV resistant than insulators made of white polyethylene.