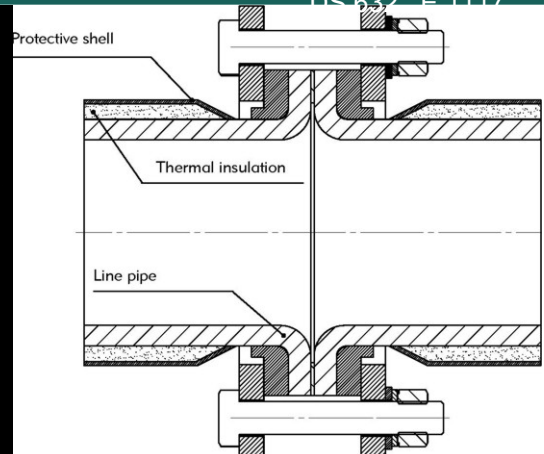
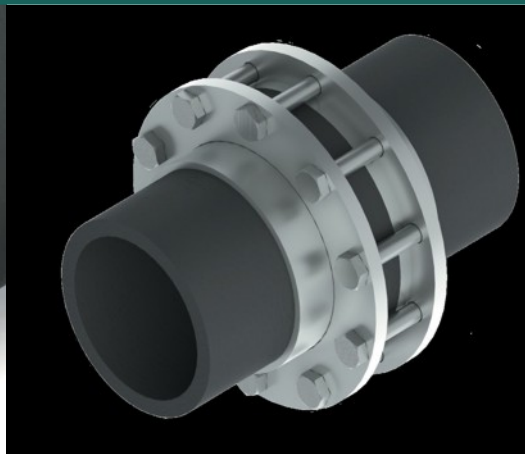
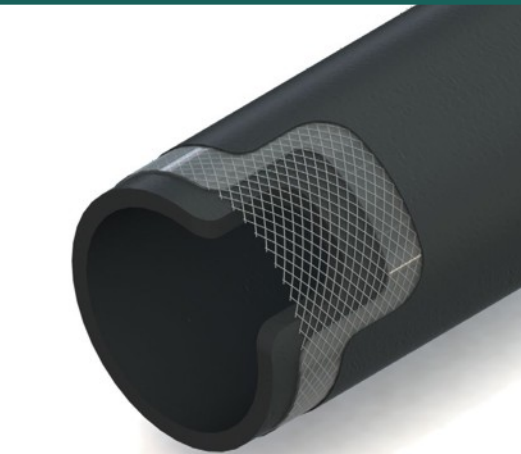


ASFR HDPE FLANGE PIPE (ANTI-STATIC & FIRE RETARD)



ASFR HDPE FLANGE PIPE

Technical Data

Advanced anti-static and fire retardant multilayer HDPE pipe with Flange connections

Kind of Duct	Multilayer reinforced pipe with smooth surface inside and outside in HDPE material grade suitable for applications in civil engineering requiring durable anti-static and fire retardant properties like for coal dust or methane explosion environments.
Applications	Mining, Mining shafts, Firefighting, transport of non-flammable liquids, water-based suspensions, solid suspensions (filling, hydraulic transport) processing, compressed air or inert gas, methane venting, air condition
Types	<ul style="list-style-type: none"> ASFR 1 HDPE Pipe (advanced multilayer pipe with full layer anti-static resistance of $<1,0 \times 10^6 \Omega/m$ and external self-extinguishing halogen-free layer classified DIN 4102-1 B1, EN 13501-1 B s1 d0 and UL 94 – V0 (Low contribution to spread fire, low smoke production index level, none burning droplets/particles), inner layer V1. Full V0 layer on request. ASFR 2 HDPE Pipe (advanced multilayer pipe with external layer anti-static resistance of $<1,0 \times 10^9 \Omega/m$ and external self-extinguishing halogen-free layer classified DIN 4102-1 B1, EN 13501-1 B s2 d1 and UL 94 – V0 (Low contribution to spread fire, medium smoke production index level, low level burning droplets/particles), inner layer V1. Full V0 layer on request
Production Norm	In accordance with ASTM D 3035, F 714, EN 13244, ISO 161-1, ISO 4427. Production certified to ISO 9001
Pipe colors	<ul style="list-style-type: none"> black
Sizes	<ul style="list-style-type: none"> ASFR HDPE multilayer pipes 90 – 500 mm in PN classes 6 – 64 bar (85 – 900 PSI).
Length	Standard length 5,8 or 11,8 m. Other length on request.
Advantages	<ul style="list-style-type: none"> High durability Low maintenance and cleaning costs Corrosion free Integrated free flange profile to fasten with screw joints for fast assembly and disassembly, replacement, staged pipeline development, easy connectivity with other pipeline materials Best chemical resistance Best mechanical resistance (abrasion and impact resistance, low crack propagation, low fractures) Best hydraulic due to smooth inner surface. No infiltration or exfiltration, no root penetration High flexibility Easy to handle (low weight) High temperature resistance (-40°C to +80°C)
Jointing	<ul style="list-style-type: none"> Pre-fixed steel flanges (sizes acc EN 1092-1. Dimensions also meet standard steel pipe sizes
Material	Modified High Density Polyethylen Grade PE 100 acc ASTM D 3350 min grade PE 345444 C
Fittings	Fittings in request
Options	<ul style="list-style-type: none"> ASFR PRE HDPE Pipe pre-insulated with PUR foam for low thermal conductivity, very good thermal insulation performance and high resistance to steam diffusion. Cover layer also comply with ASFR properties.

Contact us for more details.

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