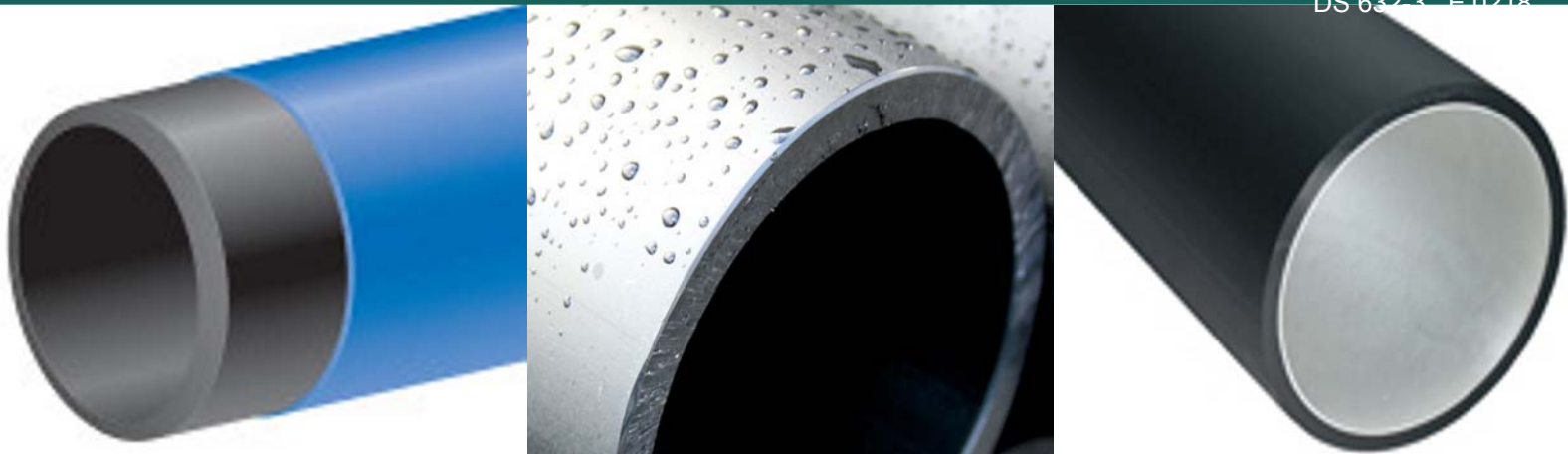


ASFRCX HDPE PIPE (ANTI-STATIC & FIRE RETARD)

DS 632-3 E 0218



ASFRCX HDPE PIPE (ANTI-STATIC & FIRE RETARD)

Technical Data

Advanced anti-static and fire retardant multilayer HDPE pipe

Kind of Duct	Multilayer pipe with smooth surface inside and outside in HDPE material grade suitable for applications in civil engineering requiring durable anti-static 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, transport water-based suspensions, solid suspensions (filling, hydraulic transport) processing,
Types	ASFRCX HDPE Pipe (advanced multi layer 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 HDPE PE 100 material
Production Norm	In accordance with ASTM D 3035, F 714, EN 13244, ISO 161-1, ISO 4427, EN 12201. Production certified to ISO 9001
Wall thickness	Standard Dimension Ratio SDR classes 7-32 available
Pipe colors	- black for outdoor use - Other colors for indoor use on request
Sizes	ASFRCX layer 75 – 500 mm SDR classes 7-32.
Length	Standard length 5,8 or 11,8 m. Other length on request.
Advantages	- High durability and expected service life of 100 years - Low maintenance and cleaning costs - Corrosion free - Safe and perfect welding or joint tightness (welding method depend on the FR type) - Best chemical resistance - Best mechanical resistance (abrasion and impact resistance, 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	ASFRCX pipes are possible to join by butt fusion according ASTM D 2657, DVS 2207 or BS 5955 Part 7
Material	External layer is a modified High Density Polyethylen, the inner layer is a HDPE Grade PE 100 acc ASTM D 3350 min grade PE 345444 C.
Fittings	Fittings on request
Options	AS HDPE pipe anti-static
Installation Service	We offer welding and pipeline installation from approved welding specialists.
Welding Equipment Rental	We offer big variety of welding equipments for rental or sale and service in the field.

Contact us for more details.

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