

SGYH HDPE Heat Shrink Sleeve

DS 922 E 1010



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Technical Data

HDPE Heat Shrink Sleeve for tight connections.

Kind of Product	Thin wall smooth coupler lines with glue to connect all kind of pipe materials to each other or to other materials as e.g. HDPE, PP, steel, ductile iron
Norm	No norms available
Sizes	For pipe sizes ID 159,219,273,325,377,426,529,630,720,813,920,1016,1220,1350 mm Other sizes on request. Wall thickness 0.8 – 4.0 mm depending on coupler size.
Standard Coupler Length	Standard length 500 mm. Other length on request
Material Properties	Polyethylen acc ASTM D 3350 PE 344443 C with density of 0,94 g/cm ³ at 23°C, cross linked and shrinkable. Tensile Strength acc ASTM D 638 of 19 MPa Special non toxic mastic nitrate free and chloride-free suitable for sensitive PT steel applications
Colors	HDPE black. Other colors on request.
Product Properties	Shrinkable with flame Shrinkage about 60% of initial ID size Peel Strength acc ASTM D 1000 of 29 N Pressure tightness on HDPE to HDPE and PP to PP pipe connection of 100 mbar without lost and 200 mbar with less than 7% lost within 5 minutes. Excellent corrosion protection properties Minimum fully recovered thickness of 1,8 mm after shrinkage
Shrinking Operation	In order to obtain best possible results the surface of the connecting materials have to be clean and dry. Dry weather conditions during shrinkage operation required of cause. Big coupler sizes and cold weather conditions effect longer heating period. For coupler sizes bigger 400 mm shrinkage operation with 2 persons should be considered. Heat Treatment is made using a soft flame licking the heat shrink coupler surface starting in the centre towards the edges unless the mastic will show up to leak out and the coupler will be tight-fitting. If possible to achieve, the flame should lick all around the coupler. The 'delay effect' will accumulate heat shrinkage still after finished heating. Let cool down the coupler to surrounding temperature before treatment. Avoid to fast heating noticeable by 'blue' glossy surface effect. Avoid 'waves' and 'lips' at the coupler ends resulting on too fast and too much heating.
Accessories	Standard accessories to be used for gas pipes available
Packing	Each coupler supplied with inside protection foil for the glue
Storage	Storage temperature max 40°C. Storage preferred indoor.
Options	Heat Shrink Pipes for longitudinal force locked applications

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