

Heat - Shrinkable Joints

The properties of the HDPE sleeve that the heat-shrinkable joint is made from are as follows:

- external diameters of sleeves, wall thickness and tolerances pursuant to PN-EN 253:2009 + A2:2015 or customer specs,
- stress at the limits of plasticity an elongation of 6~12% of at least 20 N/mm² (usually 22-24 N/mm²)
- elongation at break ranging from 400 to 600%,
- longitudinal shrinking of no more than 3%,
- cracking resistance (curb action at constant load)
 - minimum 300h at a temperature of 80°C and a load of 4 N/mm²,
- resistance to low temperatures,
- resistance to corrosion,
- environmentally friendly in manufacture and disposal, recyclable.

What is also recommended is that the temperature in the room that, all materials, together with PUR foam components, are stored is kept in the range of 15°-25°C.