

FDV Document:

Operations and Maintenance Document

PE 80 for Petrol pipes; Halock

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| Product | Halock™ Petrol Pipes |
| Manufacturer | Hallingplast AS, Kleivi 3570 Ål |
| Telephone | +47 32095599 |
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| E-mail | post@hallingplast.no |
| Commercial use | Pipes for the transportation of petrol fluids at petrol stations |

Technical data:

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| Primary pipes | Dimensions | Ø32 – 160mm in coils or straight lengths |
| | Pressure class | PN6, PN8, PN10 |
| | Material | PE80 (Polyethylene) |
| | Color | Black pipe with red stripes |
| | Density | 0,95 kg / dm ³ |
| Diffusion Barrier | Material | Polybutylene terephthalate (PBT) |
| | Color | White |
| | Density | 1,5 kg / dm ³ |
| Secondary pipes | Dimensions | Ø40 – 200mm PE80 in coils or straight lengths |
| | Pressure classes | PN4 (SDR 26) |
| | Material | PE80 (Polyethylene) |
| | Color | Red pipes |
| | Density | 0,95 kg / dm ³ |
| Quality assurance | Hallingplast is quality certified according to ISO9001 | |

Risk management:

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| Fire hazard | Ignition temperature >300°C. No real danger. |
| Health danger | No danger in normal use. Just in case of fire. Generally, the content of CO gas represents a danger. The gas is free of smell and has acute and toxic effect. Symptoms are dizziness, tiredness, headache, nausea and irregular breath. |
| First Aid | If described symptoms occur, give fresh air and call for a doctor |
| Approval | Product certification according to EN 14125 |

Instructions for service and maintenance

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| Storage | PE pipes – straight lengths: The pipes should be stored on a smooth foundation, protected from sharp stones and objects. It's recommended to store at the most two packages (in height). Loose pipes should be secured and not being able to move anywhere. |
| PE-pipe-Coils | <p>The coils to be stored standing against a wall or similar, or lying protected from sharp stones and objects. Coils stored in a standing position must be secured from moving.</p> <p>The secondary pipes do have a limited UV protection.</p> |
| Installation | Assembling/welding of PE pipes: PE pipes for this usage are assembled with electrofusion couplers, or mechanical couplings. All fittings must be suitable for the given SDR classes. Electrofusion welding should be done according to Manual. Hallingplast recommend electrofusion welding. |
| Service | The products demands no special service |
| Maintenance | The product needs no special maintenance |
| Spare parts | A defect pipe should be replaced with a new of the same type |
| Others | Contact Hallingplast AS if any relevant questions or need for extensive information occur |