Protection Pipe KIWA-GAS
Corrugated pipe - PE - yellow

Application area:
Hose to be applied in building services engineering to protect gas pipes made of multilayer pipe systems for gas.

Material:
Polyethylene, free of halogen, not flame-retardant

Chemical resistance:
PE is resistant against nearly every medium (alcohol, fat, mineral oil, motor fuel). Only concentrated and strong oxidising acids can affect PE.

Physical properties
Raw material:  
Elastic modulus [MPa]  
Impact strength [kJ/m²]  
Tensile strength [MPa]  
Elongation at break [%]  
Volume resistivity [Ω cm]  
Surface resistivity [Ω]  

DIN ISO 527-1/2  
DIN ISO 179-1eU  
DIN ISO 527-1/2  
DIN ISO 527-1/2  
DIN IEC 60093  
DIN IEC 60093

>1000  
NB  
>22  
>300  
<10⁶  
<10⁸

Tube:
Working temperature (permanent) [°C] -15 up to +90
Working temperature (short term) [°C] +120

Classification / standards:
Gastec QA 198 76601
Impact strength 250g from 1m at 0°C
Compression test 200 N

<table>
<thead>
<tr>
<th>Art.No.</th>
<th>Diameter NW [mm]</th>
<th>Outer Ø [mm]</th>
<th>Inner Ø [mm]</th>
<th>Delivery unit [m]*</th>
<th>Packing unit [m]</th>
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<td>16</td>
<td>21,2 (-0,6)</td>
<td>16,8 (+/-0,4)</td>
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<td>2,800</td>
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<td>23,0 (+0,7/-0,1)</td>
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</table>

Subject to modifications and amendments! / March 2020

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