

Pipe MidiX Plus 10x1,3

31/01/2023 - rev. n° 0

Product	Pipe MidiX Plus 10x1,3																										
Article	Code 2610100113 - 2610100213																										
Description	High-temperature resistant polyethylene PE-RT pipe type II MidiX Plus (ISO 22391, ISO 24033, ISO 21003, UNI EN 1264, BRL 5602, BRL 5607, DIN 4726, ISO EN 11855) with EVOH oxygen barrier in the pipe thickness and vapour permeability below 0.32 mg/(m ² d) at 40°C and 3, 6 mg/(m ² d) at 80°C tested according to ISO 17455 in correspondence with BRL 5602 - BRL 5607 - DIN 4726 - UNI EN 1264-4 and ISO EN 11855, mechanical strength characteristics that make it class 4 and 5 at 6 bar (ISO 10508) for an expected life of 50 years; diameter 10 x 1.3 mm (UNI EN 1264-4); can be laid cold; supplied in rolls of suitable lengths, stored in such a way that the pipe is protected from solar radiation; the mechanical characteristics and the unrolling and residual metres of the roll are indicated on the pipe. In order to guarantee constant product quality, MIDIX PLUS pipe is subject to product and process testing and control by KIWA N.V., a third party, and is provided with KOMO K 86478 and DIN CERTCO 3V399 PE-RT system certification and SKZ A 748 product certification.																										
Diameter Packages	Ø 10/7,4 (external/internal) Roll of 1000 m – 1500 m																										
Technical data	<table border="1"> <tr> <td>Water content:</td> <td>0.043 liters/m</td> </tr> <tr> <td>Thermal conductivity at 20°C</td> <td>0.41 W/m·K</td> </tr> <tr> <td>Density</td> <td>0.941 g/cm³</td> </tr> <tr> <td>Breaking load:</td> <td>370 kg/cm²</td> </tr> <tr> <td>Elongation at break:</td> <td>750 %</td> </tr> <tr> <td>Yield stress:</td> <td>210 kg/cm²</td> </tr> <tr> <td>Coefficient of linear thermal expansion:</td> <td>0.195 mm/mK</td> </tr> <tr> <td>Internal surface roughness:</td> <td>0.007 mm</td> </tr> <tr> <td>Maximum operating temperature:</td> <td>90°C</td> </tr> <tr> <td>Hardness Shore D:</td> <td>61</td> </tr> <tr> <td>Maximum operating pressure:</td> <td>6 bar</td> </tr> <tr> <td>Minimum bending radius:</td> <td>50 mm</td> </tr> <tr> <td>Expected life:</td> <td>50 year</td> </tr> </table>	Water content:	0.043 liters/m	Thermal conductivity at 20°C	0.41 W/m·K	Density	0.941 g/cm ³	Breaking load:	370 kg/cm ²	Elongation at break:	750 %	Yield stress:	210 kg/cm ²	Coefficient of linear thermal expansion:	0.195 mm/mK	Internal surface roughness:	0.007 mm	Maximum operating temperature:	90°C	Hardness Shore D:	61	Maximum operating pressure:	6 bar	Minimum bending radius:	50 mm	Expected life:	50 year
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The product has marks and certifications	KIWA KOMO BRL 5602, Certification N. K86478/02 KIWA KOMO BRL 5607, Certification N. K86478/02 DIN CERTCO, Certification N. 3V399 PE-RT Oxygen barrier in acc. with DIN 4726 Oxygen barrier in acc. with ISO 17455 SKZ HR 3.16, Certification N. SKZ A 748																										
The product complies with the following standards	ISO 22391 ISO 24033 ISO 21003 UNI EN 1264 DIN 4726 ISO EN 11855 ISO 10508																										
Suitability for installation environment	Above the insulation plates																										

Note: This data sheet cancels and replaces previous versions. The data in this sheet correspond to our current knowledge and experience. However, no liability or recourse can be derived from it. They do not in principle exempt the customer from independently checking the product with regard to its suitability for the intended use. Eurotherm products are subject to continuous quality controls on both the raw materials and the finished product.