

Post-Mix Python Specifications

Bracton / Pacifical Post-Mix Python

<div>TUBING</div> <div><ul style="list-style-type: none">WATERSODASYRUP</div>	<div>PE Ultra tube is manufactured by K-FLEX® from a specially formulated blend of polyethylene materials using optimised process conditions, resulting in an ultra-smooth surface; the raw materials are 100% virgin ensuring compliance with both European and American regulations regarding articles for food use. SK, NSF and FDA approved; good flexibility. Ultra-smooth inner surface; reduction in formation of biofilm; low adhesion of bacteria and yeast; extended cleaning cycles. Designed for use with OD push-fit connectors/ fittings. Extensively used throughout the beverage industry by soft drinks and beer companies for product and cooling applications. Also used for gas lines. Meets EU Directive 72/2002 for food contact use.</div> <div>Size: PE Ultra 9.5*13.9mm Line marking: Colour stripe Operating temp: -10°C to +60°C.</div>																										
<div>INSULATION</div>	<div>Wall thickness: 19mm, 25mm and 32mm wall<ul style="list-style-type: none">elastomeric insulation for all civil and industrial applicationshigh performance for applications in a temperature range from -200 °c to +110 °cprevents the risk of condensation and improves energy savingclass of reaction to fire euroclass bl-s2, d0very fine closed cellular structure and high technical performanceresistant to mould, fungi and bacteria</div> <div><div>K-FLEX® ▶ ST</div><div>TECHNICAL DATA ▶ K-FLEX® ST TUBES</div><table><tr><th>Property</th><th>Value</th><th>Test method</th></tr><tr><td>Temperature range</td><td>K-FLEX® ST Tubes: from -165 °C* to +110 °C K-FLEX® ST/SK: from -40 °C to +85 °C</td><td>EN 14706 EN 14707</td></tr><tr><td>Thermal conductivity λ W/(m•K)</td><td><table><tr><td>Thicknesses ≤ 25mm</td><td>Thicknesses > 25mm</td></tr><tr><td>-20 °C = 0,031</td><td>-20 °C = 0,034</td></tr><tr><td>0 °C = 0,033</td><td>0 °C = 0,036</td></tr><tr><td>+20 °C = 0,035</td><td>+20 °C = 0,038</td></tr><tr><td>+40 °C = 0,037</td><td>+40 °C = 0,040</td></tr></table></td><td>EN 13787 EN ISO 8497</td></tr><tr><td>Corrosion prevention</td><td>pH neutral (7±0,5)</td><td>EN 13468</td></tr><tr><td>Permeability μ</td><td>≥ 10000 </td></tr></table></div>			Property	Value	Test method	Temperature range	K-FLEX® ST Tubes: from -165 °C* to +110 °C K-FLEX® ST/SK: from -40 °C to +85 °C	EN 14706 EN 14707	Thermal conductivity λ W/(m•K)	<table><tr><td>Thicknesses ≤ 25mm</td><td>Thicknesses > 25mm</td></tr><tr><td>-20 °C = 0,031</td><td>-20 °C = 0,034</td></tr><tr><td>0 °C = 0,033</td><td>0 °C = 0,036</td></tr><tr><td>+20 °C = 0,035</td><td>+20 °C = 0,038</td></tr><tr><td>+40 °C = 0,037</td><td>+40 °C = 0,040</td></tr></table>	Thicknesses ≤ 25mm	Thicknesses > 25mm	-20 °C = 0,031	-20 °C = 0,034	0 °C = 0,033	0 °C = 0,036	+20 °C = 0,035	+20 °C = 0,038	+40 °C = 0,037	+40 °C = 0,040	EN 13787 EN ISO 8497	Corrosion prevention	pH neutral (7±0,5)	EN 13468	Permeability μ	≥ 10000
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