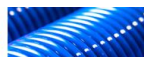
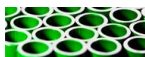


## TECHNICAL DATASHEET

### FEP

<b>Material</b>	Copolymer of Tetrafluorethylene and Hexafluorpropylene																			
<b>Product code</b>	FE01 or FE02																			
<b>Product type</b>	- Hoses																			
<b>Application</b>	Pneumatic hoses for chemical and industrial environments with elevated temperatures																			
<b>Characteristics</b>	<p>Alternative to PTFE Teflon as it exhibits the same properties as PTFE but is transparent, more flexible and with a lower cost          The chemical resistance is almost identical to PTFE with a working temperature reaching +205°C.          The surface hardness of FEP is lower than PFA, but flexibility is equal.          Non aging, excellent electrical properties, low coefficient of friction and non-sticky surface.</p> <table> <tr> <td>Chemical:</td> <td>Excellent</td> </tr> <tr> <td>Pressure:</td> <td>Good</td> </tr> <tr> <td>UV- &amp; weather:</td> <td>Excellent</td> </tr> <tr> <td>Working temperature:</td> <td>-40°C to +200°C</td> </tr> <tr> <td>Flame resistance:</td> <td>V-0 (UL 94)</td> </tr> <tr> <td>Surface hardness:</td> <td>Shore D 55</td> </tr> <tr> <td>Flexural modulus:</td> <td>655 MPa</td> </tr> <tr> <td>Moisture absorption:</td> <td>&lt; 0,01 %</td> </tr> <tr> <td>Remarks:</td> <td>-</td> </tr> </table>		Chemical:	Excellent	Pressure:	Good	UV- & weather:	Excellent	Working temperature:	-40°C to +200°C	Flame resistance:	V-0 (UL 94)	Surface hardness:	Shore D 55	Flexural modulus:	655 MPa	Moisture absorption:	< 0,01 %	Remarks:	-
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Surface hardness:	Shore D 55																			
Flexural modulus:	655 MPa																			
Moisture absorption:	< 0,01 %																			
Remarks:	-																			
<b>Standard/Norms</b>	N/A																			
<b>Compliance</b>	<ul style="list-style-type: none"> <li>- EC Regulation 1907/2006 (REACH)</li> <li>- Directive 2011/65/EU (ROHS)</li> <li>- Do not contain dual use additives</li> </ul>																			
<b>Approval</b>	N/A																			
<b>Color</b>	Standard:	Natural																		
	Specialties:	Non available																		
<b>Print</b>	N/A																			
<b>Packaging</b>	Free coils, coils in carton boxes or plastic bags and on spools <i>Please see separate data sheet for packaging options</i>																			
<b>Origin</b>	Products are "Made in Denmark" and raw material for the products originates from the EU																			



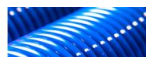
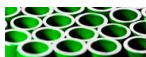
## TECHNICAL DATASHEET

### Documentation

Specific documentation is available for:

- chemical resistance
- permeability
- antistatic classification
- standard tolerances
- packaging
- regulatory status

*The information contained in this document is based on information obtain from raw material suppliers, data selected from the literature and specific testing, but shall in no event be held to constitute or imply any warranty, undertaking, express or implied commitment from our part. Our formal specifications define the limit of our commitment. No liability whatsoever can be accepted by Knudsen Extrusion ApS regarding the handling or use of the product or products concerned which must in all cases be employed in accordance with all relevant laws and/or regulations in force in the country or countries concerned.*



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2020-01-20

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