

Product information  
 Characteristics  
**ASMAPRENE FDA-series**



<b>Chemical base</b>	MDI polyester based polyurethane system
<b>Characteristic</b>	Food contact approved cast polyurethane system with very good physical properties. Used raw materials and additives are listed in the code of Federal Regulations, Title 21 §177.2600 "Rubber articles intended for repeated use" of FDA of 01.04.2002.
<b>Operational area</b>	Wear resistant molded parts and coverings for long-term contact with dry and wet foods. Special applications in machine- and equipment construction.
<b>Specific advantages</b>	High flexibility and rebound, very good cut and tear resistance, very good abrasion resistance.
<b>Special resistance</b>	Generally very good resistance against oils and fats. For special applications and higher concentrations contact our technical staff regarding resistance!
<b>Working temperature</b>	Long-term use -25 up to +60°C (dry and wet), short-term use up to +80°C (dry and wet), in contact with cleaning agents depending on chemicals. For application in continuous contact with water at temperatures > +60°C not suitably (danger of hydrolysis).
<b>Hardness</b>	60° Shore A up to 60° Shore D
<b>Colors</b>	Nature (white), when desired in many colors dye able. Strong yellowing under UV-exposure!
<b>Alternatives</b>	<u>Asmaprene C</u> (for short-term contact with dry and wet foods).
<b>Remarks</b>	