



Elastomeric Formulations for Pre-filled Syringes and Cartridges

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Premium Quality Formulations

Aptar Pharma's proprietary elastomeric formulations for pre-filled syringes and cartridge components are designed and manufactured to provide the highest level of quality, safety and patient comfort. Fifty years of experience in formulation, along with the quality of our raw materials, our state-of-the-art processes and our back-up factories, guarantee long-term safety of supply.

Leading supplier of components for pre-filled syringes

Aptar Pharma is a key player in the supply of original needle shields, and have a long experience in plastic and elastomer assembly operations. We offer a variety of ultra clean elastomeric formulations providing high level chemical inertness combined with the specific functional properties required for use with syringe systems (i.e. integrity, activation and gliding forces, sterilization, processes, etc).

Compliance

Worldwide distribution and technical support are available for all our elastomeric formulations, which meet international standards, including USP, EP and ISO 8871⁽¹⁾. They are also certified «not made with natural rubber». In addition, our teams of experts in our International Technical Center can support you in your developments including selection of formulations for your specific applications.

Choose your format

Most of our formulations are available in validated Ready to Sterilize (RTS) and/or Sterile Ready to Use (RTU) formats.

Products	Elastomer	Formulation	Antithrombotics	Small Molecules	Biologics	Vaccines	Animal Health	Other Application Fields
PFS components - Plungers (From 0,5 to 20 ml)	Chlorobutyl	6422 ⁽²⁾	•	•	•	•	•	
		6901		•	•	•	•	
	Bromobutyl	6720 ⁽²⁾		•	•	•	•	•
PFS components - Rigid Needle Shields (From 1/2" to 1")	Polyisoprene	4800	•	•		•		
	SBR	4900		•	•	•		•
	TPE	8550			•			
PFS components - Tip Caps	Bromobutyl & Polyisoprene	6580		•	•	•	•	•
	SBR	4900		•	•	•		•
Cartridge components	Bromobutyl	6720 ⁽²⁾			•			

Note: This fact sheet is based on Aptar Pharma's expertise and is provided for information only. Compatibility tests with your drug product(s) are required and remain customer's responsibility. Please contact our team of experts for more details and support.

(1) JP for some formulations (2) Also available for stoppers