

**EPA** line 

TPU PRODUCT LINE

## Hoses and tubes





**EPAFLEX**   
POLYURETHANES

**EPAFLEX**   
A M E R I C A S

Epaflex was founded in 1991 in Cassolnovo, Italy as a manufacturer and supplier of polyurethane systems to the footwear industry. Over the years, Epaflex has grown and expanded the product line to better address our customers' needs by adding production of thermoplastic polyurethane (TPU) and polyurethane products for use in coatings, adhesives, sealants, and elastomer (CASE) applications.

Together with the parent company, Elachem which is located in Vigevano, Italy, Epaflex is a vertically integrated industrial group with state-of-the-art manufacturing. The upstream integration of polyester polyol coming from Elachem is a competitive advantage that enables a broader development envelope for TPU, control, and flexibility in the global polyurethane market.

In 2023, Epaflex has expanded their coverage into the Americas by launching **EPAFLEX Americas** - a wholly owned subsidiary of Epaflex intended to service the North American market. EPAFLEX Americas will draw on a rich legacy of over 30 years of design and manufacturing expertise of thermoplastic polyurethane.

EPAFLEX Americas is proud to offer 2 tailored TPU product families that have been specifically designed to meet the requirements of the targeted applications:

**EPA** mould   
TPU PRODUCT LINE

for demanding  
injection molding applications

**EPA** line   
TPU PRODUCT LINE

for high performance  
technical extrusion applications



TPU PRODUCT LINE






range includes products from 75 Shore A to 55 Shore D in 2 different product series

**EPALine 300 series**, based on polyester chemistry, offers a balanced combination between mechanical properties and easy processability.






**EPALine 700 series**, based on polyether chemistry, offers high transparency and excellent resistance to hydrolysis. Epaflex proudly offers more than 20 different EPALINE grades, and has identified the grades that meet the specific requirements of producers of hoses and tubes.

To manufacture **spiral hoses**, we recommend

**Based on polyester**



	378 A 51 20
	380 A 55 25
	380 A 55 25 HS
	384 A 55 25
	390 A 55 25

**Based on polyether**





	773 A 15 10 W
	780 A 15 15
	785 A 15 15
	785 A 15 12
	786 A 15 10 W

As cover materials for **hydraulic hoses**, we recommend

**Based on polyester**



	390 A 55 25
	395 A 55 25

**Based on polyether**



	785 A 15 15 M
	790 A 15 15
	795 A 15 15
	795 A 15 15 M

To producers of **pneumatic tubes**, we recommend

**Based on polyester**







	350 D 55 25
	355 D 55 25

**Based on polyether**

	795 A 15 15
	745 D 15 15

To manufacture **layflat hoses**, we recommend

**Based on polyether**

	780 A 15 15		788 A 15 30
	785 A 15 15		790 A 15 15
	785 A 15 30		790 A 15 40

EPAFLEX Americas is now proudly offering FSM (Food Safe Material) version of select EPALINE grades. Our EPALINE FSM grades are compliant with the requirements of EU 2011, FDA 177. 2600.

Call us for more information or for any specific request on TPU for hoses and tubes!



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