



Hoses and Tubes

EPALINE TPU

Made in Italy by

EPAFLEX 
POLYURETHANES

Epaflex was founded in 1991 in Cassolnovo (Italy) as a system house dedicated to manufacture and supply polyurethane systems to the footwear industry. Over the years Epaflex grew continuously and differentiated its activities, by adding production of TPU granules to serve a wide range of industries, and production of PU chemicals and systems for CASE applications.

Together with the mother company **Elachem**, located in Vigevano (Italy), Epaflex forms a powerful and sizeable integrated industrial group, with a state-of-the-art manufacturing plant of saturated polyester resins. This upstream integration provides Epaflex scale, control and flexibility to play a competitive role in the global TPU market.

Epaflex is proud to offer 6 tailored product families that have been specifically designed for the requirements of the targeted applications

EPAMOULD, for demanding injection molding applications

EPALINE, designed for technical extrusion applications

EPACOL, for producers of solvent-borne adhesives

EPALITE, to meet the requirements of fashion and footwear designers

EPAMET, to offer bio-based products with no compromises on performance

PAKOFLEX, for production of vegan leather via coagulation process

Epaline



EPALINE TPU 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 very 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

 378 A 51 20	 775 A 15 10 W
 380 A 55 25	 780 A 15 15
 380 A 55 25 HS	 785 A 15 15
 384 A 55 25	 785 A 15 12
 390 A 55 25	

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

 390 A 55 25	 785 A 15 15 M
 395 A 55 25	 790 A 15 15
	 795 A 15 15
	 795 A 15 15 M

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

 350 D 55 25	 795 A 15 15
 355 D 55 25	 745 D 15 15

To manufacture **layflat hoses**, we recommend

 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 is now proudly offering FSM (Food Safe Material) version of selected EPALINE grades

Our EPALINE FSM grades are compliant with the requirements of EU 2011, FDA 177. 2600. Contact us for any specific request for food contact materials.

Epaflex can supply the TPU for extrusion you are looking for! Directly or via an extensive distribution network that ensures a capillary presence close to your facility.

