



PUZO PREMIUM EVAs

This range of high quality EVAs has been specifically developed for the orthopaedic market. The comprehensive range is the result of a thorough knowledge of production processes and functional requirements of orthotics. Research, development, innovation, production and supply are all based within Puzo to ensure continuous quality control, high quality materials and outstanding product performance.

Grades matched to function. EVA firmness is not the only consideration...

EVA choice is not simply based on whether it is soft, medium or firm (often incorrectly referred to by density). Each grade has a unique set of properties designed to provide the practitioner or lab with a wide choice of performance and physical features to meet individual production requirements, practitioner prescriptions, lab designs and patient needs.

The combinations of required product features are diverse, and can include: the need for light but solid material; material with excellent return to shape and high tear strength; great moulding ability; ability to be re-worked; soft contouring material; and / or product for CAD CAM production.

Cell structure, thermoforming ability, compression set resistance, energy absorption, specific gravity, tear strength, elongation, ability to hold shape and ease of grinding are all formulated to meet production method, end design and functional intent.






Overview of grades for thermoform production

Formulation	Top Cover	Cushion	Base	Posting/ Lifting	Component	Shore A	Key Properties	Example Applications
Savilux®	+	+			+	20	Soft, lightweight, very good recovery and excellent finishing properties	Top Cover & Soft Cushioning for diabetic, rheumatoid arthritic and sensitive feet
Marilon®	+					35	Lightweight, excellent tear strength & capacity for recovery after indentation, smooth finish	Top Cover
Marilon® Perf	+					35	Lightweight, excellent tear strength & capacity for recovery after indentation, smooth finish. Perforated	Top Cover
Wave	+					35	Lightweight, excellent tear strength & capacity for recovery after indentation, smooth finish	Top Cover
Thermofix® AS				+		50	Firm, antistatic/ESD. Retains form well, excellent finishing properties	Structural, buildup, posting. Where static dust is a concern in manufacturing
Thermofix®			+	+		50	Firm, retains form well, excellent finishing properties	Structural, buildup, posting
MPR 50®			+	+		50	Lightweight, excellent finishing properties	Structural, buildup, posting
MPR 70®			+	+		70	Hard, rigid tear resistant, hard wearing. Excellent finishing properties, retains shape very well after moulding, lightweight	Structural, buildup, posting
Felkor®				+		50 60 70	Excellent finishing properties, retains shape very well after moulding, lightweight	Structural, buildup, posting
Realux®			+			90	High dimensional stability, excellent flex endurance, wear resistant, easily cut, ground & adhered	Orthotic base, posting scuff plate, stiffening forefoot extension, cushion protection
Gel		+					Very flexible and elastic NBR/PVC material. Provides excellent shock reduction and capacity for recovery	Top Cover & Cushioning for diabetic, rheumatoid arthritic and sensitive feet



The Digisole® extensive range is specifically formulated for milling

- Fine uniform cell structure for smooth milling
- Excellent resistance to compression set
- Consistent hardness throughout the sheet
- Available in a wide range of formats to suit milling equipment and production processes



	HARDNESS	COLOUR	THICKNESS
	Shore A 20 (Diab)	Light Blue	
	Shore A 30	White	20mm
	Shore A 40	Light Grey	to
	Shore A 50	Grey	45mm
	Shore A 60	Anthracite	

Available as pairs, blocks, strips and extra large sheets

MILLING PAIRS

Examples of Digisole®

Model stands for shape

- Top view Model A (flat) and Model A-K (skived): 
- Top view Model D (flat) and Model D-K (skived): 
- Flat or pre-skived; single or multi density



BLOCKS

Small sheets with dimensions to suit single pair milling equipment such as Voxelcare

STRIPS

Size: Length approx. 1000 mm, width 390 mm
 Thicknesses: Options: 20-30-40 mm & 20/10 - 30/10 mm

XL SHEETS FOR CNC

Extra large sheets for large format milling machines. Size: approx. 1000 mm x 1200 mm