

XDE FUSION

HIGHLIGHTS

- High abrasion resistance ·
- Orthotic cover material ·
- Vivid color combinations ·

COLORS



XDE Fusion is a strong and high-quality EVA material for the use in manufacturing orthotics and footwear. Fusion has a high abrasion resistance, due to its special composition and homogeneous cell structure. The material has a light stretch so it can be applied easily without any wrinkles. It is available in a range of 10 vivid colour combinations. Due to its closed cell structure, the material surface can be washed using water and soap.

PROPERTIES

Compound	EVA (Ethylene Vinyl Acetate) + PE (Polyethylene)
Surface profile/appearance	Smooth/smooth
Size	Sheet 100 x 62 cm
Available thicknesses	Sheet 1.20 mm
	Sheet 1.50 mm
	Sheet 2.00 mm
	Sheet 3.00 mm
	Sheet 4.00 mm
	Sheet 5.00 mm
	Sheet 6.00 mm
	Sheet 7.00 mm
	Sheet 8.00 mm
	Sheet 9.00 mm
	Sheet 10.00 mm up to 22.00 mm

MEASUREMENT DATA

Shore A	35 ° ShA (± 2 ° ShA variation)
Density	0.20 gr/cm ³ (± 5% variation)
Thermoplastic	Yes, between 90 - 110 °C
Ability to recover	Moderate
Shock reduction	Moderate
Stiffness	Medium soft
Tear strength	12 kg/cm (1,2 kN/m)
Wear resistance	High