

UHMWPE chain guides reduce wear, noise and friction on conveyors, bottling lines and packaging machinery. Profiles are supplied in standard lengths or cut to size.

Specification

Material	UHMWPE; nylon or POM on request
Standard Colour	Green; natural white and black on request
Profile Types	Flat wear strips, U / channel guides, T-guides, C-profiles, belt guides for flat, V and round belts
Typical Dimensions	Widths about 10–70 mm; heights about 5–80 mm, depending on profile
Chain Sizes	Common roller-chain sizes from 04 to 32, simplex to triplex
Lengths	2 m to 3 m, or cut to size

Material Properties (typical UHMWPE)

Property	Typical Value
Density	0.93–0.94 g/cm ³
Service temperature	-200°C to +80°C
Water absorption	Below 0.01%
Coefficient of friction	About 0.10–0.20 (dry on steel)
Food contact	FDA-compliant grades available

How to Order

Send the chain pitch and type, guide profile or drawing, length and quantity. We can machine holes, slots and mounting details to your drawing.

Notice: Values are typical and indicative, based on common industry grades. Exact grade, size, tolerance and performance are confirmed on quotation and against the supplier or manufacturer data and material test certificate for each batch. This sheet is not a warranty. Contact Diode Trading EST to confirm availability and specification for your application.