

Permanently elastic thermo-forming film Streifyflex Color



.../2 (thickness 2 mm); .../4 (thickness 4 mm)

Streifyflex is part of the LDPE (lower density PE) family. Because of its lower density, it can optimally be processed as "soft" material. Excellent forming and welding possibilities and the large colour range make Streifyflex the material of choice for innovative orthotic and prosthetic care products.

Application range

- shoe-insoles
- water-resistant splints and supports
- for hand (metacarpus) splints or forearm splints in arm orthotics
- for foot prostheses (e.g. according to Bellmann)
- prostheses sockets

Material

- permanently elastic thermoforming film

Dimensions

- sheet size 1115 x 900 mm
- available in 2 mm and 4 mm thickness
- temperature for thermo-molding:
120 – 135 °C, e. g. in infrared oven (51M15),
with flat bed oven (55M1) or convection oven (50M4)

Processing vacuum

- very low
- 20 % vacuum performance – measured by a vacuum device, vacumat plus (168P50)

Insulation to model

- nylon stockinette (95P2)
- silicone spray (116P11)

Helpful hints

- finely woven heat protective gloves (12P12)
- short distance from oven to model
- clean PTFE-sheeting on heating panel, no talcum-powder
- perforate welded-on reinforcements to avoid air-pockets

