



MAYSER BLUEFOAM® DG-T is an aliphatic polyester polyether polyurethane coating foam with excellent properties for versatile use in products with long-lasting skin contact (derma grade, DG).

Product name	MAYSER BLUEFOAM DG-T	MAYSER BLUEFOAM DG-T/F or FF
Chemical basis	polyester polyether polyurethane	
Thickness, mm	0,4 – 5,5	waterproof TPU foils
Density, kg/m³	110 – 250 ^[A]	
Hardness (Shore 00)	25 – 45 ^[B]	
Washability	washable at 40° (ten cycles) ^[B]	
Ultimate elongation, %	150 – 300	
Tensile strength, kPa	200 – 1200	
Hydrolysis resistance	good ^[B]	
Air permeability	air permeable	
Surface	double-sided glossy, anti-slip	one-sided (F) or double-sided (FF) laminated with PU film, anti-slip, waterproof and/or breathable
Colour	standard colour: black and white, other colours on request	
Environmental performance	free of toxic substances (according to REACH, RoHS), no migration of harmful substances (according to DIN EN71-3), environmentally friendly production	
Biocompatibility	biocompatible according to EN ISO 10993-5 (evaluation of in vitro cytotoxicity), biocompatible according to ISO 10993-5 and ISO 10993-23, biocompatible according to ISO 10993-10 (OECD TG 442C-DPRA, 442D-ARE-Nrf2)	
Optional	printed/coated/textile laminated/moulded (2D/3D)	
Areas of application	wearables, medical products with long-lasting skin contact	

^[A] Thinner foams tend to be available only in higher densities and thicker foam tend to be available only in lower densities.

^[B] Depending on the degree of cross-linking