

## POLYFLEX® 950-3

Polyurethane Based  Impermeable  Spike Resistant  Sandwich System

Meets IAAF and DIN 18035/6; IAAF Certified; IAAF Class 1

**Description** Spike resistant, impact-cushioning high performance surfacing for tracks, field or recreational use

**Fields of Application** Athletic Tracks

**System Structure**

<b>Primer</b>	Conipur 70 (for asphalt) Conipur 74 (for concrete)
<b>Base Mat</b>	Conipur 322 Recycled Rubber Granules (1-4mm)
<b>Pore Sealer</b>	Conipur 203
<b>Coating layer</b>	Conipur 210
<b>Broadcasting</b>	EPDM Granules (1-4mm)
<b>Optional</b>	Sealing Layer Conipur 63 HE

**Total Thickness of System** 13 mm (10+3 mm)

	IAAF Requirement	DIN 18035/6 Requirement	+10 °C	+23 °C	+30 °C
Modified vertical deformation	0.6-1.8 mm	-	1.03	1.17	1.32
Force Reduction	35-50 %	-	38.20	39.50	40.60
Tensile Strength	≥0.4 N/mm <sup>2</sup>	>0.5 N/mm <sup>2</sup>	-	0.89	-
Elongation at break	≥40%	≥40%	-	93.00	-
Water permeability				Impermeable	
Relative abrasion resistance		DIN 18035/6		1.3	
Spike resistance		DIN 18035/6		Class 1	
Max. indentation when loaded		DIN 18035/6	mm	6.73	
Remaining indentation				0.38	
Flammability behaviour		DIN 51960		Class 1	
Ball rebound		DIN 18035/6	%	99.3	
Sliding coefficient		DIN 18035/6		0.86	
				0.68	
Standard deformation		DIN 18035/6	mm	0.83	
	± 0 °C			1.98	
	+ 20 °C			1.09	
	+ 40 °C				
Ageing (DIN 18035/6)	<b>Tensile Strength N/mm<sup>2</sup></b>	<b>Elongation at Break %</b>		<b>E-Module N/mm<sup>2</sup></b>	
Standard climate DIN 50014	0.89	93		1.91	
Combined climate of heat, humidity and UV DIN 53387	0.87	89		1.95	