



ARPLANK 45 contains **25%** of PCR (post-consumer recycled) polyethylene.

Physical properties

	Test method	Typical result
Length (mm)	ISO 1923	≥ 1,800
Width (mm)	ISO 1923	≥ 1,200
Thickness (mm)	ISO 1923	≥ 150
Density (kg/m ³)	ISO 845	45
Compressive strength 25% strain (kPa) 50% strain (kPa)	ISO 7214	120 200
Tensile strength (kPa) Tensile elongation (%)	ISO 7214	550 60
Compression set Stabilising 30min (%) Stabilising 24h (%)	ISO 7214 25% - 22h loading	14 4
Compression set Stabilising 30min (%) Stabilising 24h (%)	ISO 7214 50% - 22h loading	35 5
Tear strength (N/cm)	ISO 8067-B	40
Hardness Shore 00	ISO 868	72
Water absorption	DIN 53428	< 1
Thermal conductivity (W/(m.K)) Test temperature 10°C Test temperature 23°C	ISO 8301	0.042 0.043
Service temperature (°C)	Internal	100
Flammability	FMVSS302 (Burn rate <100mm/min)	Pass

Version 02

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