

**Rubber Ballistic
Fragmentation Sheet
Specification**



Rubber Ballistic Fragmentation Sheet

Product	45 mm Seamless Polyurethane Ballistic Flooring
Description	Rubber sheet made of black, rubber-shred, bound by an MDI polyurethane binder.
Purpose	In combination with bullet traps, to avoid ricochet in ballistic shooting facilities
Thickness	12 mm
Density	935 kg/m ³
Width	1.5 m
Length	To suit

Test Data

Characteristic	Test Method	Result
Tensile Properties	ISO 37 – 1994	
Modulus at 10% Elongation		0.37 MPa
Modulus at 20% Elongation		0.53 MPa
Tensile Strength		0.66 MPa
Elongation at Break		61%
Tear Strength	ISO 34/2 – 1996	9.9 Nm
Hardness Shore A	ISO 7619 – 1997	44°
Rebound Elasticity	ISO 4662 – 1986	42%
Compression Set	ISO 815 – 911	
	72 hours / 23°C	15.2%
	72 hours / 70°C	44.8%
Swelling in Water	ISO 1817 – 1985	
	168 hours/23°C (v/v)	7.4%
Compression Stress/Strain	ISO 7743 – Method A	
Compression modulus at 10% Compression		0.29 MPa
Compression modulus at 20% Compression		0.63 MPa
Heat Conductivity	ISO 8302 + EN 673/674	
Heat Conductivity Coefficient		0.1744 W/mk

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