

**Rubber Ballistic
Fragmentation Sheet
Specification**



Rubber Ballistic Fragmentation Sheet

Product	Rubber Ballistic Fragmentation Sheet Curtain
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

Disclaimer - While reasonable care has been taken in the preparation of this information to ensure its accuracy, completeness and adequacy, Rephouse, its directors, officers and employees assumes no responsibility whatsoever for any change, error or omissions and any direct or indirect damage, or loss whatsoever suffered directly or indirectly by any person or body corporate or otherwise who seeks to rely on any or all of the information, for any purpose whatsoever.