



**Tech Data Sheet - BRP Manufacturing Company Flame, Smoke, and, Toxicity Product (FST)**

<b>Material</b>	<b>NFPA 130</b> (National Fire Protection Association) <b>Rubber Sheet</b>
BRP Style	1NF60 (EPDM polymer)
Finish	Smooth (Fabric Finish & Buffed Finish is Available)
Color	Black
Thicknesses	Imperial and Metric
ASTM Callout	ASTM D2000 3BA615Z1Z2, Z1=EPDM, Z2= conforms to requirement noted below

**Basic Requirements**

Requirement	Condition	Specification Requirements
Hardness, Original	ASTM D2240	60±5
Tensile, Original	ASTM D412 – PSI (Min)	1,500
Elongation, Original	ASTM D412 – %	400

**Product Description**

A premium grade high tensile EPDM rubber sheet designed for use in the fixed rail and mass transit industry. This product has been developed by the BRP laboratory, tested and approved by independent certified laboratories.

Conforms to the following specification and guidelines:

- ASTM E662 - Test Method for Specific Optical Density of Smoke Generated by Solid Materials
- ASTM C1166 - Flame Propagation of Dense and Cellular Elastomeric Gaskets and Accessories
- BSS 7239 - Generation of toxic gases by specific materials upon combustion
- FMV-SS-302- burning behavior of materials used inside road vehicles such as passenger cars, trucks, and buses

These compounds are also available as custom extrusions

Effective Operating Range -40° F to 240° F