
Standard Specification for

**Preformed Sponge Rubber, Cork,
and Recycled Rubber Expansion
Joint Fillers for Concrete Paving
and Structural Construction**

AASHTO Designation: M 153-20 (2024)¹

Technically Revised: 2020

Reviewed but Not Updated: 2024

Editorially Revised: 2024

Technical Subcommittee: 4e, Joints and Bearings

ASTM Designation: D1752-18(2023)



**American Association of State Highway and Transportation Officials
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1.	SCOPE
1.1.	<i>This specification covers preformed expansion joint fillers of the following four types for use in concrete, brick, or stone construction:</i>
1.1.1.	<i>Type I</i> —sponge rubber,
1.1.2.	<i>Type II</i> —cork,
1.1.3.	<i>Type III</i> —self-expanding cork, and
1.1.4.	<i>Type IV</i> —polyurethane-bonded recycled rubber.
	Note 1 —Attention is called to M 213 and M 33M/M 33.
1.2.	The values stated in SI units are to be regarded as the standard.
2.	REFERENCED DOCUMENTS
2.1.	<i>AASHTO Standards:</i> ■ M 33M/M 33, Preformed Expansion Joint Filler for Concrete (Bituminous Type) ■ M 213, Preformed Expansion Joint Fillers for Concrete Paving and Structural Construction (Nonextruding and Resilient Bituminous Types)
2.2.	<i>ASTM Standard:</i> ■ ASTM D545, Standard Test Methods for Preformed Expansion Joint Fillers for Concrete Construction (Nonextruding and Resilient Types)
3.	ORDERING INFORMATION
3.1.	Products conforming to this specification are manufactured in sheet form to a range of thicknesses: namely, 6, 9.5, 13, 19, and 25 mm. Sheet sizes may be 900 or 1200 mm in width and in lengths of 900, 1500, 1800, 3000, or 3700 mm. Purchaser must specify sheet sizes or strip sizes when ordering.