



Designation: D 2770 – 9301

An American National Standard

Standard Specification for Ozone-Resisting Ethylene-Propylene Rubber Integral Insulation and Jacket for Wire and Cable¹

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1. Scope

1.1 This specification covers a weather- and ozonerestisting vulcanized rubber integral insulation and jacket compound for electrical wires and cables. The rubber polymer shall consist substantially of ethylenepropylene copolymer (EPM) or of ethylenepropylene terpolymer (EPDM).

1.2 This type insulation is considered suitable for use on wire or cable which will be used for continuous operation at conductor temperatures up to 90°C in dry locations and 75°C in wet locations, and at operating voltages not exceeding 2000 V.

1.3 The values stated in inch-pound units, except for temperature, are regarded as the standard. The values in parentheses are for information only.

2. Referenced Documents

2.1 ASTM Standards:

¹ This specification is under the jurisdiction of ASTM Committee ~~D-9~~ D09 on Electrical and Electronic Insulating Materials and is the direct responsibility of Subcommittee D09.18 on Solid Insulations, Nonmetallic Shieldings and Coverings for Electrical and Telecommunications Wires and Cables.

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