

CRD-C 548-88

**STANDARD SPECIFICATION FOR JET-FUEL- AND HEAT-RESISTANT
PREFORMED POLYCHLOROPRENE ELASTOMERIC JOINT
SEALS FOR RIGID PAVEMENTS**

1. Scope

1.1 This specification covers jet-fuel- and heat-resistant preformed polychloroprene elastomeric joint seals for use in portland-cement concrete pavements.

2. Referenced Documents

ASTM D 2628 Specification for Preformed Polychloroprene Elastomeric Joint Seals for Concrete Pavements (CRD-C 531)

CRD-C 547 Standard Methods of Testing for Jet-Fuel and Heat Resistance of Preformed Polychloroprene Elastomeric Joint Seals for Rigid Pavements.

3. Material

3.1 The material shall be a preformed vulcanized elastomeric compound using polychloroprene as the only base polymer.

4. Requirement

4.1 Performance Requirements:

4.1.1 Jet-Fuel Resistance: The seal when immersed in reference fuel for 24 h shall have a

change in mass of 25 percent or less when tested as specified in CRD-C 547.

4.1.2 Heat Resistance: The seal when exposed to a temperature of 260° C for 120 sec shall show no evidence of ignition, hardening, flow, or charring when tested as specified in CRD-C 547.

5. Quality Assurance

5.1 Responsibility for Testing and Inspection: Unless otherwise specified in the contract or purchase order, the Contractor shall be responsible for the performance of all testing as specified herein. Except as otherwise specified in the contract or purchase order, the Contractor shall use an approved independent testing facility suitable for the performance of the testing requirements herein. The Government reserves the right to perform any of the testing set forth in this specification where such testing is deemed necessary to assure that supplies and services conform to prescribed requirements.

5.2 Rejection: Failure to comply with any of the requirements of this specification shall be cause for rejection of the batch or lot represented.