

**SPECIFICATIONS - DETAILED PROVISIONS**  
**Section 15077 - Grooved Couplings**

**C O N T E N T S**

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**SECTION 15077  
GROOVED COUPLINGS**

**PART 1 - GENERAL**

1.01 DESCRIPTION

Where specified, mechanical grooved couplings and fittings shall be cast of malleable iron conforming to ASTM A-47 or ductile-iron ASTM A-536. The coupling shall be of the grooved, mechanical type which engages grooved pipe ends. The coupling shall be cast in two or more parts per manufacturer's standard. Coupling gasket shall be of molded synthetic rubber EPDM Grade "E" conforming to ASTM D-2000 designation 2CA615A15B44F17Z. Bolts and nuts shall be heat treated carbon steel conforming to ASTM A-183, minimum tensile 110,000 psi and oval neck track head type. Fittings shall be of grooved-end design to accept grooved mechanical couplings with or without field preparation as applicable. Couplings for grooved steel pipe shall be "Victaulic" Style 77 or approved equal. Couplings for grooved ductile iron or cast iron pipe shall be "Victaulic" Style 31 or approved equal.

**END OF SECTION 15077**

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