

MATERIAL STANDARD

standard number: **7343.5**

superceding: April 26, 2006

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page: 1 of 1

CONDUIT AND FITTINGS, RIGID ALUMINUM

1. **Scope:** This specification covers rigid aluminum conduit and associated fittings – couplings, elbows, bends, and nipples. Conduit and fittings shall comply with the requirements of ANSI Standard Specification C80.5 for Rigid Aluminum Conduit and Underwriters' Laboratories, Inc. Standard UL6 for Rigid Metallic Conduit.
2. **Identification:** Each length of conduit, elbow, or nipple shall be identified with the manufacturer's name or trademark, UL label, and the words "Rigid Aluminum Conduit" or "Rigid Metal Conduit" -- except that close-threaded nipples need not be so identified.
3. **Couplings:** Each 10-foot length of conduit shall be furnished with a coupling attached to one end, and the other threaded end shall be protected by a suitable cover.
4. **Packaging:** Conduit and fittings shall be packaged in accordance with the manufacturer's commercial practice to ensure safe delivery without damage.
5. **Inspection and Test:** Conduit and fittings may be subject to test and inspection under the provisions of ANSI C80 or UL6. The supplier shall, at his own expense, replace any rejected conduit.
6. **Rigid Aluminum Couplings**
Stock Unit: EA

Stock Number	Nominal Pipe Size, in.	Stock Number	Nominal Pipe Size, in.
731061	1/2	731066	2
731062	3/4	731067	2-1/2
731063	1		



7. **Rigid Aluminum Conduit**
Stock Unit: FT

Stock Number	Nominal Pipe Size, in.	Stock Number	Nominal Pipe Size, in.
734751	1/2	734756	2
734752	3/4	734758	3
734753	1	734759	3-1/2
734754	1-1/4		
734755	1-1/2		



8. **Elbows – Standard 900**
Stock Unit: EA

Stock Number	Nominal Pipe Size, in.	Stock Number	Nominal Pipe Size, in.
734765	1/2	734769	1-1/2
734766	3/4	734770	2
734767	1	734771	2-1/2
		734772	3



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