



# 1180

## RUBBER ISOLATING BOOT



### APPLICATIONS:

ROBAR **1180** Isolating Boots are used in conjunction with ROBAR couplings to separate pipe ends in cathodically protected systems. Can also be used to increase the OD of an existing pipe by 1/4". Isolating Boots are 6" long.

### MATERIAL SPECIFICATIONS:

Boot: SBR (Buna S) Rubber compounded for water service and high dielectric value.

### HOW TO ORDER:

Determine the product number (**1180**) and actual OD of the pipe to be isolated and then use the appropriate ordering code as shown in the following example.

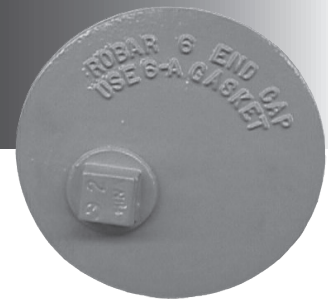
For a 6" Ductile Iron Pipe (6.90" OD), the ordering code is:

**1180** - 6.90" i.e. **1180 - 6.90**  
product OD (Actual)  
number



# 1410 / 1510

## CAST DUCTILE IRON COUPLING END CAPS



### APPLICATIONS:

ROBAR **1410/1510** End Caps are used in conjunction with a standard ROBAR Coupling (ordered separately) for the purpose of:

- Temporary stops for mains to be extended in future.
- Blind ending sections of main for testing.

The 2" IP outlet allows for:

- A 'take off' of 2" (or less) from the main.
- Air relief or overflow - top mount.
- Blow off or drainage - bottom mount.
- Chlorinating of lines.

### MATERIAL SPECIFICATIONS:

Cap: Cast Ductile Iron  
 Plug: Cast Iron - 2" IP square head.  
 Coating: **1410** - Two coats of Enamel.  
**1510** - Corrosion Protective Epoxy coated.

NOMINAL PIPE SIZE	CAP OD	END ASSEMBLY	OUTLET PLUG QUANTITY	APPROXIMATE SHIPPING WEIGHT	
				LBS.	KG.
4	5.10	4A1	1	3.0	1.4
6	7.10	6A1	1	5.0	2.3
8	9.30	8A1	1	6.8	3.0
10	11.40	10B2	2	15.0	6.8
12	13.60	12B2	2	23.8	10.8

All dimensions are in inches.

### HOW TO ORDER:

Determine the product number (**1410** or **1510**), nominal pipe size (see table above), and then use the appropriate ordering code as shown in the following example.

For an enamel coated 8" End Cap, the ordering code is:

**1410** - 8" i.e. **1410 - 8**  
product nominal  
number pipe size

Note: - End capped couplings must be suitably blocked or restrained to resist hydraulic end thrust.

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