

**ROMAC INDUSTRIES, INC.**  
**INSULATING BOOT (IC BOOT)**  
**ETHYLENE PROPYLENE DIENE MONOMER**  
**(EPDM) RUBBER**  
**SUBMITTAL INFORMATION**

**USE:** Romac Insulating (IC) Boots effectively stops electrolytic action by physically and electrically isolating one pipe from the other.

Rubber Compounded for Romac Per ASTM D 2000 MBA 715 sulfur cured and manufactured by Romac.

**CHARACTERISTICS:**

Temperature Range:	-40°F to +220°F *
Weathering:	Excellent
Abrasion:	Good - Excellent
Compression Set:	Good - Excellent
Tearing:	Good - Excellent
Steam Service:	Excellent

**CHEMICAL RESISTANCE:**

HCO <sub>3</sub>	Excellent
Fluorides	Excellent
Sodium Compounds	Excellent
Sulfuric Acid	Good
Hydrocarbons	Not recommended

\* Rated for 3000 hours at 220°F.

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**SPECIFICATIONS:**

◦ <u>Original Physical Properties</u>	ASTM D 412-92 ASTM D 2240-91
Tensile Strength, psi	1000
Elongation, %	350
Hardness, Duro A, pts	70 ±5
◦ <u>Heat Aged Properties</u> 70 hours at 212 °F (100°C)	ASTM D 573, 70 h @ 100 °C
% change in Tensile Strength.	±30 max
% change in Elongation.	-50 max
Change in Hardness.	±15 points
◦ <u>Compression Set</u>	ASTM D 395, Method B, max., %, 22 h @ 70 °C
Compression set	50 % max
◦ <u>Ozone Resistance</u>	ASTM D 1171, Quality Retention Rating, min., %
Retention Rating, %	100% min.
◦ <u>Low Temperature Brittleness</u>	ASTM D 2137, Method A, 9.3.2, non-brittle after 3 min. @ -40 °C, (5 test specimens)
Results	All 5 test specimens passed

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This information is based on the best data available at the date printed above, please check with Romac Engineering Department for any updates or changes.