



Energy Efficient Product









Residential

Codes & Standards Compliance

Air Leakage and Wall Penetration Compliance per:

- Air Leakage and Wall Penetration Compliance per: IBC 2006, 2009, 2012 Chapter 13 IBC 2006, 2009, 2012 Chapter 11 Part IV Energy Efficiency Section N1101 General N1101.1 Scope -Air Leakage Section N1102.4 Section N1102.4.1 Building Thermal Envelope (1. All joints, seams, penetrations) Chapter 11 Refrigeration Section 101.0 Scope 1101.3 Protection IECC 2006, 2009, 2012 Air Leakage (Mandatory) Residential Section 402.4.1 and 402.4.1.1 Building Thermal Envelope Penetrations IECC 2006, 2009, & 2012 Air Leakage (Mandatory) Commercial Section C402.4.3 and C402.4.2 Building Thermal Envelope Penetrations IECC 2006, 2009, & 2012 Air Leakage (Mandatory) Commercial Section C402.4.3 and C402.4.2 Building Thermal Envelope Penetrations IMC 2006, 2009, & 2012 Chapter 3 General Regulations Section 301.1 Scope Sections 301.10, 301.11, 301.14, 301.5, 305.1, 305.2, 305.4 UMC 2006, 2009, & 2012 Chapter 11 Refrigeration Section 1101.0 Scope Section 1101.1 General Requirements Section 1106.0 Section 1101.0, Scope Section 109.4 Air Canada Canada





Approved Material & Performance Testing)

ASTM E283 – Standard Test Method for Air Leakage
 ASTM E331 – Standard Test Method for Water Penetration
 ASTM E 2178 - Air Permeance of Building Materials

Wall Mounted Outlet (Outdoor-Rated Rigid Plastic) • ASTM D1525C-09 - Temperature Deformation Test • ASTM D648-07 - Temperature Load Deformation Test • UL 94 HB - Flammability Test • UL 746C - Outdoor Suitability - f1 Rating

Wall Outlet Sleeve (Outdoor-Rated Elastomeric Plastic) • ASTM D573-04 - Deterioration Test • ASTM D746-07 - Brittleness Temperature Impact Test

Pased on HVAC Industry and Manufacturer's Independent Study on a Combined ROI & Sustainable Energy Savings Calculation. A contributing product to the U.S. Energy Department's 30% Energy Savings Solution Initiative





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Commercial

HVAC Pipe Penetration Wall Seal

FANOUTLET

REX

TITE-FORCE TM



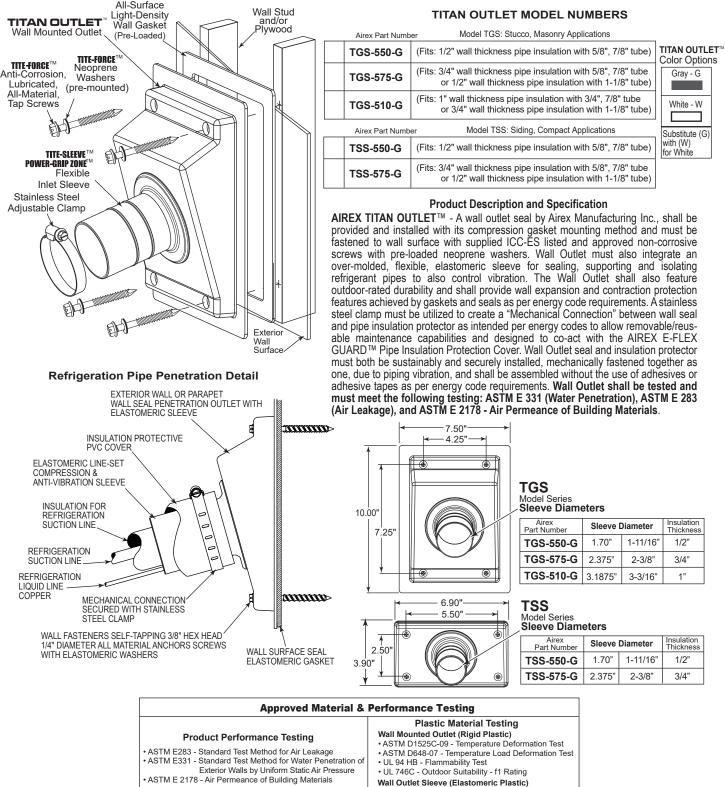
SUBMITTAL SHEET

Project Contractor

Date

Specification Reference

Comments





U.S. Patents #9,091,377 B2, #9,523,200 B2

ASTM D573-04 - Deterioration Test
 ASTM D746-07 - Brittleness Temperature Impact

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