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PRODUCTS

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INTEGRITY DRAIN PLUG
**SOFT COVER BLANKET
SERIES (SCBS)**



ENHANCED PROTECTION AGAINST CORROSION UNDER INSULATION // CUI

The Integrity Drain Plug - Soft Cover Blanket Series (SCBS) is purpose-built to deliver superior protection against Corrosion Under Insulation (CUI) in removable insulation blanket systems. Engineered with precision, the SCBS combines efficient moisture drainage with exceptional durability, ensuring long-term asset integrity in the most demanding industrial environments. Its flame-resistant PPS construction, integrated serrated cutting edge, and secure threaded locking mechanism simplify installation while maintaining a tight, reliable seal. Designed for versatility across various insulation thicknesses and blanket configurations, the SCBS Drain Plug offers proven performance in managing trapped condensation, helping extend equipment life, enhance safety, and reduce maintenance costs across critical process applications.

Key Performance Features

EFFECTIVE MOISTURE MANAGEMENT

Engineered to allow trapped water and condensation to escape, minimizing the risk of Corrosion Under Insulation (CUI) and extending the life of equipment.

DURABLE PPS CONSTRUCTION

Made from flame-resistant, non-combustible Polyphenylene Sulfide (PPS) for excellent mechanical strength, chemical resistance, and high-temperature stability.

SERRATED END FOR PRECISION FIT

Built-in serrated cutting edge cores out a clean opening in insulation blankets, eliminating the need for separate cutting tools.

THREADED NUT FOR SECURE ATTACHMENT

A threaded nut assembly locks the drain plug into place, ensuring reliable, long-term stability within the insulation blanket system.

ADJUSTABLE FOR VARIOUS THICKNESSES

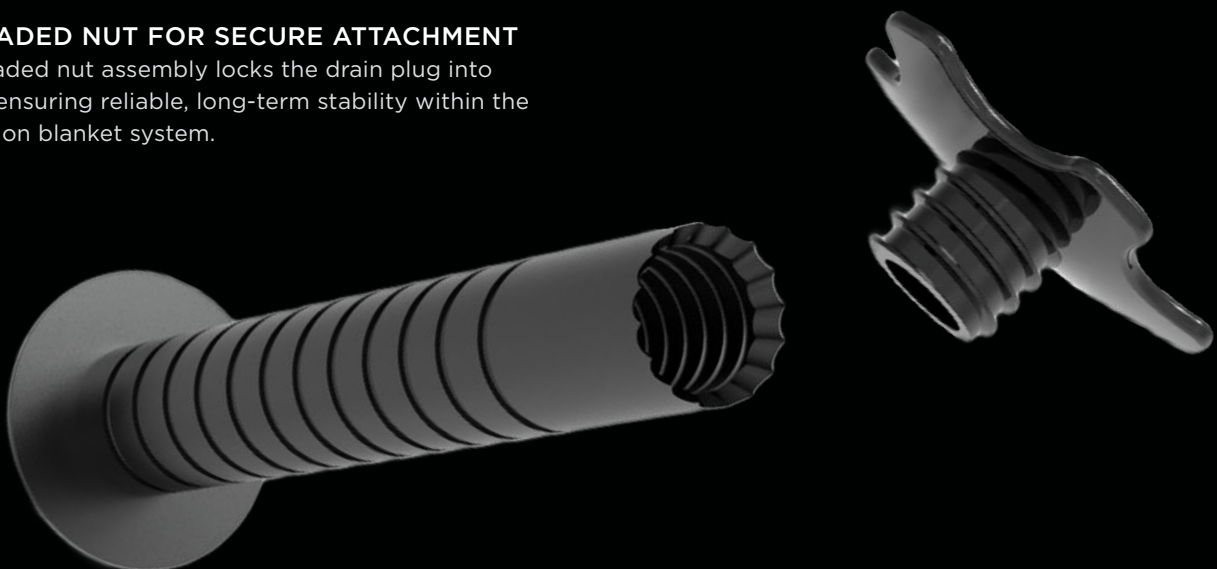
Designed to adapt to different insulation blanket sizes and thicknesses, making it versatile for a wide range of applications.

EASY AND FAST INSTALLATION

Simplifies field installation by combining coring and securing in one integrated design.

PROVEN RELIABILITY

Resistant to heat, chemicals, and mechanical stress, ensuring long service life in demanding industrial environments.



TECHNICAL DATA

INTEGRITY-DRAIN PLUG SOFT COVER BLANKET SERIES (SCBS)

Product Description

The Integrity Drain Plug – Soft Cover Blanket Series (SCBS) is specifically engineered for use with removable insulation soft cover blankets on insulated piping, vessels, and equipment. By providing a drainage pathway for trapped moisture, it helps prevent CUI, ensuring asset integrity and reducing long-term maintenance costs. Its robust PPS construction, combined with an innovative serrated end and threaded nut design, makes the SCBS Drain Plug both durable and easy to install. This reliable solution enhances the performance and service life of insulated assets used in harsh operating environments.

Product Application

For optimal protection against corrosion and moisture buildup, Integrity's SCBS Drain Plugs should be installed at low points along insulated blankets.



Material Specifications

MATERIAL(S)

Polyphenylene Sulfide Black (PPS)

COLOUR

Black

WALL THICKNESS

0.03" (0.75 mm)

LENGTH

3.9" (101 mm)

DIAMETER

0.66" (16.7 mm)

WEATHER RESISTANCE

Excellent

UV RESISTANCE

Excellent

CHEMICAL RESISTANCE

Excellent

TENSILE STRENGTH

MPA 140 Parameter

MAXIMUM OPERATING TEMPERATURE

250°C | 482°F

NOTCHED IMPACT STRENGTH

9.5 kJ/m²

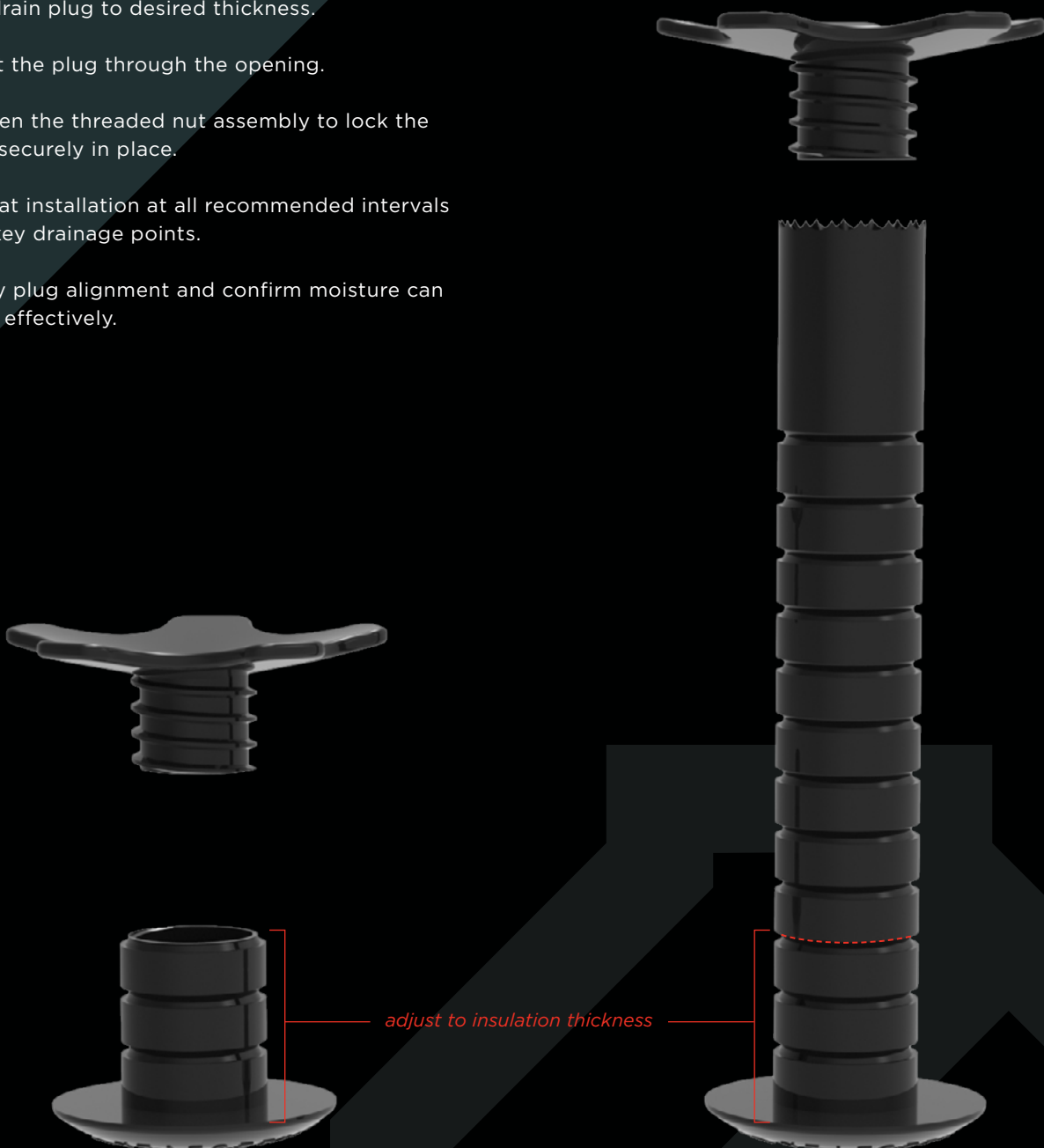
INSTALLATION GUIDE

Installation Instructions

1. Identify low points on the insulation blanket system where water accumulation is most likely.
2. Position the **serrated end** of the SCBS Drain Plug against the blanket and rotate to core out a clean opening.
3. Cut drain plug to desired thickness.
4. Insert the plug through the opening.
5. Tighten the threaded nut assembly to lock the plug securely in place.
6. Repeat installation at all recommended intervals and key drainage points.
7. Verify plug alignment and confirm moisture can drain effectively.



Always wear appropriate PPE (personal protective equipment) which conforms to applicable work safe standards.





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t. 1.800.673.0925
sales@integrity-products.com

56 Liberty Road
Sherwood Park, AB, Canada
T8H 2J6

integrity-products.com