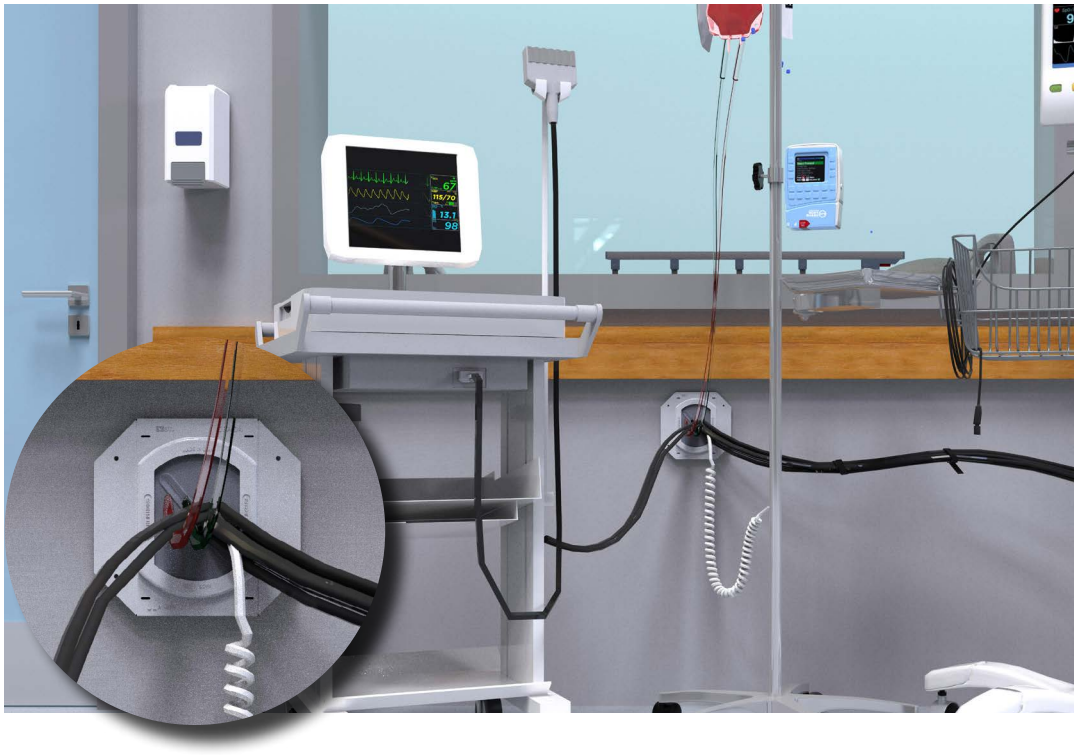
Clinician Patient Access Device

CPAD® Clinician Patient Access Device



Clinician Patient Access Devices are designed to allow temporary services such as infusion pump tubing, patient monitoring lead wires and cables, and related extension cords, to pass from patient rooms through corridor walls into the corridor. Each device is fitted with self-sealing silicone rubber gaskets to ensure that the lines, wires, cords, or cables are sealed to restrict air flow, contaminants, and noise. There are no sharp edges to pierce or slice the integrity of the inserted lines. Simply push the temporary service through the device, and it quickly and automatically seals

Clinician Patient Access Devices allow clinical staff to conserve personal protective equipment (PPE) by moving patient care equipment into the corridors. This permits some normal patient care practices to be conducted in the safety of the corridor and reduce the frequency of staff/patient interaction as during the COVID-19 pandemic where many health care organizations employed this strategy. The devices also allow nursing staff to avoid running lines, wires, cords, or cables through doors openings, thereby, eliminating a potential trip hazard, damage to patient care lines, and the need to quickly close the door in an emergency. Devices do not require any additional seal or cover when not in use.

Clinician Patient Access Devices have a compact design that installs flush with wall surfaces and does not project into the corridor or patient room, making it fully ADA compliant. The molded thermoplastic body and integrated silicone rubber gaskets can be easily disinfected using normal cleaning protocols. The devices are tested to maintain Sound Transmission Class (STC) Ratings to meet the Facility Guideline Institute's requirements for acoustical purposes and also meet ASTM E814 (ANSI/UL1479) for use in 1/2 hour fire-rated corridor walls as per NFPA 101 (Life Safety Code®).

Specifications

Clinical portals for passing patient care lines through 1/2 hour rated corridor walls into patient rooms. Clinical portal shall incorporate a self-sealing maintenance free design, requiring no manual opening or closing while adding or removing patient services. The clinical portal shall also have an achievable STC rating greater than or equal to the acoustical rating of the underlying construction per ASTM E90.

Specified Divisions

Division 9	09 80 00	Acoustic Treatments
Division 26	26 00 00	Electrical
Division 27	27 00 00	Communications

Installation

Patient Care Services may easily be added or removed at any time without removing or reinstalling the smoke and acoustical seal. Cables may be added individually or in bundles. Wrapping ends with a low-friction tape facilitates cable insertion. A self-adjusting cable throat automatically adjusts to accommodate the cable bundle as it passes through the pathway.

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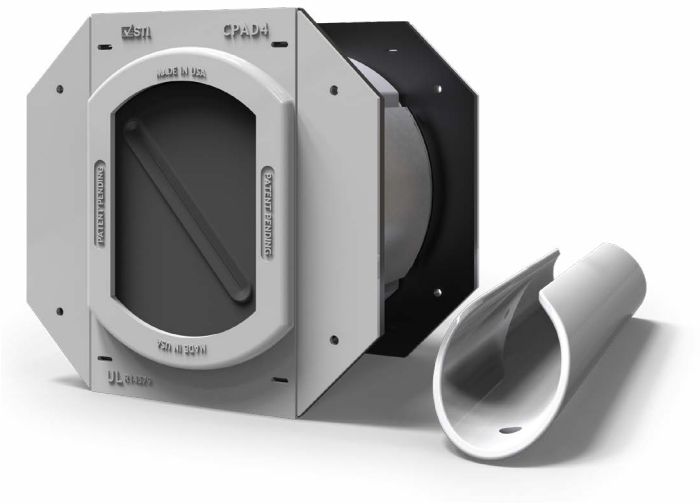
PHYSICAL PROPERTIES & PERFORMANCE	
Shell Composition	Non-halogenated, V-0, ABS/PC Co-polymer and galvanized steel
Seal	Low Smoke Silicone
Loading Area for Temporary Services	13.044 in2
Allowable Fill	0 (empty) to 100% visual
In-Service Temperature	-30F to 130F (-34C to 54C)
Storage Temperature	<130 F (54C)
Shelf Life	None
NFPA 101 Compliant for 1/2 Hour Rated Corridors	Yes (Meets ASTM E814 (ANSI/UL1479))
Air Leakage Ratings	Yes (Meets ANSI/UL1479 for L Ratings)
Acoustical (STC) Ratings	Yes (Meets ASTM E90; Up to 50 STC dependent upon wall construction type and rating)
ADA Compliance	Yes (Meets 2010 ADA Standards; No projection into corridor)



Features & Benefits

- Provides nursing staff with corridor access to patient rooms
- Self-sealing; requires no action to provide a seal to reduce air flow, contaminants, or noise
- Adjustable; accommodates corridor wall thickness 4” to 8” (102 to 203 mm)
- Maintenance-free
- ADA Compliant
- Meets NFPA 101 for use in 1/2 HR Corridor Walls
- Clean appearance allows it to blend seamlessly where aesthetics matter

Limitations

This product has been designed to be safe with plastics. It has been used extensively and successfully with various types of plastic pipes, tubes, and plastic cable insulations. Variations in these materials, however, make it impossible to guarantee compatibility. STI strongly recommends that the user consults with the pipe, tubing, or cable manufacturer in question regarding any known sensitivities or potential restrictions before applying this product.

Maintenance

No maintenance of the pathway is normally required. The exterior seals of the device should be inspected before and after any modifications to the cable bundle.

Cleaning/Sanitizing Products

1. Disinfect any extension tubing used for infusion of medications and fluids into a patient, power cords, other tubing, wires, cable cords, etc. prior to feeding them through the CPAD.
2. During and after use the silicone seals, insertion tool, and plastic frame on the wall inside the patient’s room and on the other side of the wall outside the room in the corridor only need to be cleaned/disinfected when visibly contaminated or soiled.

a. The silicone gasket seals and frame of the CPAD are compatible with the following surface disinfectants: dilute bleach, quaternary ammonium compounds, alcohol (including isopropyl alcohol), hydrogen peroxide, peracetic acid, and acetic acid.

b. Disinfectants should be applied according to the disinfectant manufacturer’s instructions for use and the facility policy and procedures.

3. Once the patient is ready for transfer or discharge from the room in which the CPAD is being used follow these steps:

a. Wipe any tubing, cords, wires, power cords, cable cords with the disinfectant used for patient care equipment or environmental surfaces following facility policy and procedures prior to removal from the CPAD.

b. Extension tubing used to infuse fluids or medications should be capped or clamped prior to removal from the CPAD to prevent leak of fluids into the internal surfaces of the CPAD.

c. Once all lines, tubing, cords, wires are removed the exterior surface of the silicone gasket seals and insertion tool can be wiped with a disinfectant.

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Cautionary Information

Caution: Clinicians using the CPAD for connecting patient care equipment where extended length tubing is needed should follow device manufacturer instructions for use and guidance provided as well as assure clinical care are aware and plan for impact of extended length tubing on function of this type of setup. Consult other resources as well for situations where the intent is to place patient care equipment outside of the room being used for a patient under transmission-based precautions. The ISMP and other organizations have published relevant guidance – see below.

- Large-Volume Infusion Pumps—Considerations When Used with Long Extension Sets outside Patient Rooms to Help Reduce Staff PPE Use; ECRI; 4/1/2020; Retrieved from **https://bit.ly/3kHUlNq**.
- Institute for Safe Medication Practices (ISMP). Clinical Experiences Keeping Infusion Pumps Outside the Room for COVID-19 Patients; 4.3.2020; retrieved from **https://bit.ly/37O1bx5**.
- Society of Critical Care Medicine (SCCM). Configuring ICUs during the COVID-19 Era. 2020, accessed 10/19/2020 (**https://bit.ly/3jBPD2n**).
- Full cleaning report can be found here: **https://bit.ly/2IelfhA**

System Selection

To find your firestop system or create a submittal, visit https://systems.stifirestop.com/ to use System Search & Submittal Builder. You may also visit the UL Online Certifications Directory/UL Product iQ™ for complete listings. (Firestop Systems).

Technical Service

Specified Technologies Inc. provides toll free technical support to assist in product selection and appropriate installation design. UL System designs suitable for submittal or specification purposes are available on request. A complete library of technical information is provided at the company's website www.stifirestop.com including Safety Data Sheets (SDS's).

Precautionary Information

The use of this device is subject to local, regional and national codes. Consult the local Building Code Official or Authority Having Jurisdiction regarding any regional or local requirements that might influence the selection or use of this product. Note: For use in non-fire-rated construction only.

Disclaimer

In order for the CPAD device to maintain the required fire, smoke, air leakage and acoustic ratings, the neoprene gaskets of the device may cause a ventilator tube passing through the device to partially or completely collapse. Before installing a ventilator tube through the CPAD it is recommended to consult with the institution's clinical/respiratory staff to determine if the tubing is sturdy enough to withstand the gasket's durability. This is provided only for information purposes and does not establish a standard of care or constitute medical or legal advice.

Availability

Products are available from Specified Technologies Inc. (STI) authorized distributors. For additional purchasing and technical information or for the names and locations of the nearest representative and/or distributor, regarding this and other Specified Technology products, please call 1-800-992-1180 or visit www.stifirestop.com.

ORDERING INFORMATION

Catalog Number	UPC Number	Description	(UOM) Qty.	Case Qty.	Weight (Each)
CPAD4K	730573009353	One clinical pass through device for 30 minute rated corridor walls with insertion tool	1	1	3.8 lbs (1.72 kg)
CPADIT	730573009369	Insertion Tool for use with Clinician Patient Access Device	1	10	0.425 lbs (0.192 kg)

IMPORTANT NOTICE: ALL STATEMENTS, TECHNICAL INFORMATION, AND RECOMMENDATIONS CONTAINED HEREIN ARE BASED UPON TESTING BELIEVED TO BE RELIABLE, BUT THE ACCURACY AND COMPLETENESS THEREOF IS NOT GUARANTEED.

STI TYPICALLY WARRANTIES ITS PRODUCTS FOR ONE FULL YEAR. FOR COMPLETE DETAILS OF OUR STANDARD WARRANTY, PLEASE VISIT WWW.STIFIRESTOP.COM/LEGAL/WARRANTY

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