1. PRODUCT NAME
Constant Pressure Dispensing System (CPDS™ Series 2).
Item # 4505500150

2. MANUFACTURER
Convenience Products
866 Horan Dr., Fenton, MO 63026 USA
(636) 349-5855
(800) 325-6180
FAX: (636) 349-5335
E-mail: support@touch-n-seal.com
Website: www.touch-n-seal.com

3. PRODUCT DESCRIPTION
The Touch 'n Seal CPDS Series 2 is an inexpensive, low maintenance dispensing mechanism that, when used according to manufacturer’s directions, applies Class 1 fire retardant, thermal insulating and sound attenuating 2-component polyurethane spray foam. Touch ‘n Seal spray foam is permanent and dries within minutes of application.

Using a constant delivery rate, the CPDS Series 2 applies polyurethane spray foam to horizontal/vertical surfaces up to 150’ away (46 meters). Chemical calibration is not required.

At approximately 24.5°W x 33°D x 48° H (62 x 84cm) the Touch ‘n Seal CPDS Series 2 is small enough to be transported in a standard pick-up truck, and fits easily through most doors and entrances. The empty unit weighs less than 155 pounds (70 kg).

Basic Use
The CPDS Series 2 provides many of the features of a “bulk” spray foam system when used with Touch ‘n Seal CP660 FR, CP750 FR and CP1200 FR 2-component foam kits. Touch ‘n Seal foams offer superior insulation performance, protect against energy-robbing air infiltration, and retard vapor migration while reducing home and commercial building energy consumption.

Sizes
(CP660 FR Foam Kits, # 4505500680)
660 board feet (61.3 m³ @ 25 mm) @ 2.0 pcf density (32 ± 3.2 kg m⁻³)
(CP750 FR Foam Kits, #4505500750)
750 board feet (69.68 m³ @ 25 mm) @ 1.75 pcf density (28.03 kg m⁻³)
(CP1200 FR Foam Kits, # 4505501200)
1200 board feet (111.5m³ @ 25mm) @ 1.0 - 1.25 pcf density (16.0 – 20.0 kg/m³)

Features/Benefits (CP750 FR and CP1200 FR Foam Kits)
• Class 1, fire retardant foam
• Easy to transport
• No expensive maintenance
• Low investment cost
• No deposit/No return
• Reduces energy loss by as much as 40%

• Reduces use of fossil fuels and improves air quality
• Permanent insulation; does not shrink or settle like cellulose; maintains air seal
• Compatible with all fiber insulation systems including cellulose, fiberglass and rockwool
• No Ozone Depleting Chemicals
• Helps to reduce Green House Gas Emissions
• Expands to fill smallest to largest gaps, cracks and holes, reducing air exchanges
• High R-value
• Open and closed cell formulas
• Allows for down-sized HVAC systems; uses less energy, fewer cycle times, more consistent “comfort level”, reduces equipment maintenance
• Significantly increases structural strength; important in high wind situations (per the Spray Polyurethane Foam Alliance)

4. TECHNICAL DATA (CP660, CP750 FR and CP1200 FR Foam Kits)

- Not for use as an exterior roofing system.
- Do not expose to temperatures above 250°F (121°C), open flames or sparks.
- Not for exposure to ultraviolet light.
- Chemical contents must be between 70°F - 90°F (21° - 32°C) prior to spraying.
- Do not store in temperatures above 120°F (49°C).
- Always refer to local building code regulations
- Certain structures such as cold storage and freezers have very specific design criteria. Ensure the structure has been designed by an appropriate design professional.
- Do not apply in layers more than ½” thick (12 mm) at a time. Allow foam to cool between the application of additional layers.
- Product is not a fire stop.
- Do not leave product exposed. Cover with approved facings

5. INSTALLATION / APPLICATION
Please refer to CPDS Series 2 Installation, Set Up and Operation Instructions” found inside the “A” canister carton or request a faxed set of these instructions by calling Customer Service at 800-325-6180.

Always refer to local building codes prior to application of Touch ‘n Seal spray foam. Touch ‘n Seal spray foam can be applied to and will adhere to almost any traditional building material surfaces including; wood, concrete, polystyrene, gypsum board, fiberglass, masonry and metal.

Surfaces to be sprayed must be dry, clean and free of dust, dirt, grease and other substances that may inhibit proper adhesion.

For best results apply Touch ‘n Seal spray foam when surface and ambient temperatures are between 60° - 90°F (16° - 32°C). Chemical contents must be between 70° - 90°F (21° - 32°C) before dispensing.

Use all chemical contents within 30 days of initial dispensing.

54023-071713-TNS
6. AVAILABILITY & COST

Availability

Touch ‘n Seal CPDS Series 2 units and spray polyurethane foams are available throughout the U.S., Canada, Mexico and the world. Contact Convenience Products Customer Service at 800-325-6180 or FAX 636-349-1708 for distributor information.

Cost

Contact Convenience Products for local distributors who can provide cost and delivery information.

7. WARRANTY

Convenience Products warrants its CPDS Series 2 to be free of defects in workmanship and function.

Further, Convenience Products provides a limited, six (6) month warranty on the CPDS Series 2 air compressor, wheels, and canisters if the CPDS Series 2 is used in the manner intended. Such limited warranty is for replacement of the listed items.

Convenience Products is not liable for any incidental, consequential or any other damages or remedies. There are no warranties that extend beyond the description herein, however, certain states have specific laws regarding limitation on incidental or consequential damages, in which case, you may have other legal rights.

8. MAINTENANCE

Minor. See owners’ manual.

9. TECHNICAL SERVICE

Technical assistance, including detailed information, product literature, test results, assistance with preparing project specifications and application training is available by contacting Convenience Products.

10. FILING SYSTEMS

Additional information is available from the manufacturer upon request.

Patent Pending

Constant Pressure Dispensing System

(CPDS Series 2).

The information contained herein was accurate at the time of publishing. Please refer to the Touch ‘N Seal website for the latest information.

---

### PROPERTIES OF TOUCH ‘N SEAL SPRAY POLYURETHANE FOAM

<table>
<thead>
<tr>
<th>Property</th>
<th>CP1200 FR (Open Cell)</th>
<th>CP750 FR (Closed Cell)</th>
<th>CP660 FR (Closed Cell)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shelf Life</td>
<td>1 year; unopened container</td>
<td>1 year; unopened container</td>
<td>1 year; unopened container</td>
</tr>
<tr>
<td>Output</td>
<td>1200 board feet (111.5 m³ @ 25 mm)</td>
<td>750 board feet (69.68 m³ @ 25 mm)</td>
<td>660 board feet (61.3 m³ @ 25 mm)</td>
</tr>
<tr>
<td>Dry time/Tack Free Time</td>
<td>30 - 60 seconds</td>
<td>30 – 60 seconds</td>
<td>30 – 60 seconds</td>
</tr>
<tr>
<td>Typical Output – 30’ (9 m) Hose</td>
<td>4 - 5 lbs/min. (1.8 - 2.3 kg/min.)</td>
<td>4 - 5 lbs/min. (1.8 - 2.3 kg/min.)</td>
<td>-----</td>
</tr>
<tr>
<td>Fully Cured</td>
<td>Approximately 1 hour</td>
<td>Approximately 1 hour</td>
<td>Approximately 1 hour</td>
</tr>
<tr>
<td>Cuttable</td>
<td>2 - 5 minutes</td>
<td>2 - 5 minutes</td>
<td>2 - 5 minutes</td>
</tr>
<tr>
<td>ASTM G21 Fungi Resistance</td>
<td>Does not support growth</td>
<td>Does not support growth</td>
<td>Does not support growth</td>
</tr>
<tr>
<td>ASTM E84 Surface Burning Characteristics @ 2” (51 mm) Flame Spread Smoke Development</td>
<td>10 / 250</td>
<td>Class 1 @ 2” (51mm) thick</td>
<td>Class 1 @ 3” (75mm) wide bead</td>
</tr>
<tr>
<td>ASTM E96 Water Vapor Transmission</td>
<td>5.4 perms@ 1 in. (25 mm)</td>
<td>3.0 perms@ 1 in. (25 mm)</td>
<td>3.45 perms@ 1 in. (25 mm)</td>
</tr>
<tr>
<td>ASTM E 283 Air Permeance</td>
<td>0.003 cfm/ft³ @1”</td>
<td>0.001 cfm/ft³ @1/2”</td>
<td>0.0004 cfm/ft³ @ 1.57 psf</td>
</tr>
<tr>
<td>ASTM C518 R-Value - Initial – Aged (28 days)</td>
<td>4.96 / in. (25 mm)</td>
<td>7.12 / in. (25 mm)</td>
<td>6.3 / in. (25 mm)</td>
</tr>
<tr>
<td></td>
<td>4.1/ in. (25 mm)</td>
<td>5.48 / in. (25 mm)</td>
<td>5.1 / in. (25 mm)</td>
</tr>
<tr>
<td>ASTM D1621 Compressive Strength</td>
<td>5 psi (0.92 kgf/cm2)</td>
<td>13.1 psi (0.92 kgf/cm²)</td>
<td>31.0/214 kPa</td>
</tr>
<tr>
<td>ASTM D1622 Density</td>
<td>1.0 – 1.25 pcf/16.0 - 20.0 kg m³</td>
<td>1.75 ± .10 pcf (28.03 ± 1.60 kg/m³)</td>
<td>2.0 pcf ± .2 pcf (32 ± 3.2 kg m³)</td>
</tr>
<tr>
<td>ASTM D1823 Tensile Strength</td>
<td>N/A</td>
<td>38.23 psi (2.69 kgf/cm²)</td>
<td>30.8 psi/212 kPa</td>
</tr>
<tr>
<td>ASTM D2126 Thermal and Humid Aging – Dimensional Stability -40°F (-40°C) 2 weeks</td>
<td>N/A</td>
<td>Linear</td>
<td>Mass</td>
</tr>
<tr>
<td>158°F (70°C) 2 weeks</td>
<td>+0.05%</td>
<td>+0.10%</td>
<td>+0.10%</td>
</tr>
<tr>
<td>Combined -40°F (-40°C) 2 weeks &amp; 158°F (70°C) 2 weeks</td>
<td>N/A</td>
<td>+1.90%</td>
<td>-2.95%</td>
</tr>
<tr>
<td></td>
<td>+1.85%</td>
<td>-2.85%</td>
<td>-2.85%</td>
</tr>
<tr>
<td>ASTM D-2842 Water absorption</td>
<td>3 - 4% by volume</td>
<td>N/A</td>
<td>2.7%</td>
</tr>
<tr>
<td>ASTM D6226 Closed Cell Content</td>
<td>&lt; 10%</td>
<td>&gt; 90%</td>
<td>&gt; 92%</td>
</tr>
</tbody>
</table>

### Additional Details

- **AC 377 Appendix X - Use in Attic & Crawl Spaces**: Passed. Refer to independent laboratory test reports.

- **International Residential Code**: Compliant

- **Coast Guard Title 33 CFR, Paragraph 83.114**: N/A

- **California Bureau of Home Furnishings and Insulation**: N/A