



**TDS (TECHNICAL DATA SHEET)**  
**HONEYFOAM SPRAY FOAM**  
**INSULATION KIT**

**Issue Date:08.11.2022**

<b>Description</b>	(HFO) Low pressure, medium density, two-component spray polyurethane foam
<b>SPF</b>	Spray Polyurethane Foam
<b>Applications</b>	Designed to fill and seal various size voids, deaden sound, or reduce vibration.
<b>Preparation for use</b>	Protect surfaces not to be foamed. Read SDS, Operating Instructions, and Product Stewardship Guidelines. For additional information go to <a href="http://www.honeyfoamkit.com">www.honeyfoamkit.com</a>
<b>Use</b>	Condition chemical to 75-85°F (24-29°C). Follow instructions for set-up found in the operating instructions.
<b>PPE</b>	Recommend using in a well-ventilated area with certified respiratory protection or a powered air purifying respirator (PAPR). Wear protective glasses with side shields or goggles, nitrile gloves, and clothing that protects against dermal exposure. Read all instructions and SDS (Section 8) prior to use of any product
<b>Note</b>	FOR PROFESSIONAL USE ONLY. Always check the local building code before use. Cured low pressure
<b>Temperature</b>	Please see Temperature Guidelines located on page 2
<b>Product Storage</b>	Store in a dry area. Do not expose the cylinders to open flame or temperatures above 90°F (32°C). Excessive heat can cause premature aging of components resulting in a shorter shelf-life
<b>Disposal</b>	Refer to SDS (Section 13) for instructions. Always dispose of empty cylinders according to applicable federal, state, provincial and local regulations
<b>Shelf-life</b>	12 Months
<b>Compatibility</b>	Cured low pressure polyurethane foam is chemically inert and non-reactive in approved applications, and will notharm electrical wire insulations, extruded polystyrene foams, Romex®, rubber, PVC, polyethylene (i.e. PEX) or other plastics. The product is not resistant to UV rays; if left exposed the product should be coated or painted

TECHNICAL DATA	STANDARD	RESULT
Density Free Rise	ASTM D1622	1.75 lbs/ft <sup>3</sup> (28.0 kg/m <sup>3</sup> )
Density In-place		2.00 lbs/ft <sup>3</sup> (32.0 kg/m <sup>3</sup> )
K-factor- Initial Aged 90 days 140°F (60°C)	ASTM C518	0.143 BTU·inch/ft <sup>2</sup> ·h·°F at 1" thickness
R-Value- Initial		0.163 BTU·inch/ft <sup>2</sup> ·h·°F at 1" thickness
Aged 90 days 140°F (60°C)		6.27 at 1" thickness
		6,131" thickness
Air Barrier Properties Tested at 1" thickness @1.57 psf (75Pa)	ASTM E283	0.003 cfm/ft <sup>2</sup> (0.02 L/s/m <sup>2</sup> )
Compressive Strength	ASTM D1621	20 lbf/in <sup>2</sup> (138 kPa) Parallel
Tensile Strength	ASTM D1623	27 lbf/in <sup>2</sup> (186 kPa) Parallel
Dimensional Stability	ASTM D2126 (% volumetric change)	+/- 7%
Tack-Free/Expansion Time	Tack-Free/Expansion Time	15-30 seconds
Closed-Cell Content	ASTM D2856	> 90%
Cutable		10 minutes (estimate)
Fungi Resistance	ASTM G21	No growth
Perm Rating- Method A 1" Thick (2.54 cm)	ASTM E96	0.91 perms - Class II Vapor Retarder
VOC Content	EPA Method 24 (Calculated)	<25 g/L
Fire Rating- Tested at 2" Thickness.		B2

### TEMPERATURE GUIDELINES

Chemical Storage Temperature	Optimum 75-85°F (24-29°C) but not <60°F (16°C) or >90°F (32°C)
Outside Application Temperature	40-100°F (4-38°C)
Process Core Chemical Temperature	75-85°F (24-29°C)
Surface Temperature (Substrate)	40-100°F (4-38°C)
Cured Foam	200 to +240°F (-129 to +116°C)

Honeyfoam	Weight (Including Pacaging)	Dimensions (Including Packaging)	Yield (Cubic Feet)
600SR	115.7 lbs	18" x 18" x 13"	43 ft <sup>3</sup>
600QR	115.7 lbs	18" x 18" x 13"	600 BdFt
200SR	41 lbs	16" x 16" x 9"	13 ft <sup>3</sup>
200QR	41 lbs	16" x 16" x 9"	200 BdFt

**NOTE:** Physical properties shown are typical and are to serve only as a guide for engineering design. Results are obtained from specimens under ideal laboratory conditions and may vary upon use, temperature and ambient conditions. Right to change physical properties as a result of technical progress is reserved. Yields shown are optimum and will vary slightly depending on ambient conditions and application. This information supersedes all previously published data. The customer is responsible for deciding whether products and associated TDS information are appropriate for customer's use

**LIMITED WARRANTY and LIMITATION OF DAMAGES:**

Ciem Poliüretan A.S. warrants only that the product shall meet HONEYFOAM specifications for the product when shipped by Ciem Poliüretan A.S.

Buyer and users assume all risks of use, handling and storage of the product. Failure to strictly adhere to any recommended procedures shall release HONEYFOAM.

Group from all liability. The user of the product is responsible to determine suitability of the product for the particular use.

The exclusive remedy as to any breach of warranty, negligence or other claim is limited to the replacement of the product.

Liability for any indirect, incidental or consequential damage or loss is specifically excluded.

HONEYFOAM™ Spray Polyurethane Foam contains isocyanate, trans-1-Chloro-3,3,3 trifluoropropene blowing agent and polyol. Read the instructions and Material Safety Data Sheets carefully before use. Wear protective clothing (including long sleeves), gloves, goggles or safety glasses, and proper respiratory protection.

