



TECHNICAL CARD

**Froth-Pak™
Foam Systems
180/600**



Description

Froth-Pak™ Foam Systems is a new set of two-component polyurethane foam for spraying or injection. Unlike the old formula, Froth-Pak™ reduces its Global Warming Potential (GWP) by 99%. In addition, it does not contain ozone-depleting chemicals or HFCs, while maintaining efficiency. It comes in the form of two separate pressure cylinders, portable and disposable, requiring no external power source.

It allows you to quickly and easily obtain high-quality polyurethane foam for use in many fields of application.

After drying and expanding, Froth-Pak™ Foam Systems foam is thermally stable from **-150°C to +100°C**. This product can be used for cryogenic applications. Reserved for the professional applicator.

Preparation and temperature

Before applying the foam, the surfaces to be treated must be dry, sound, clean and free of dust, grease or particles. Not approved for use on surfaces that are wet or have standing water. Optimum product temperature +24°C (condition product with heating mat or similar if necessary). Minimum ambient temperature + 5°C.

Hardening

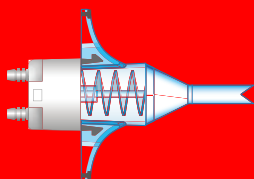
Froth-Pak™ foam systems generally cure very quickly. After about 5 minutes, the foam is completely hard. Cured foam can only be removed mechanically.

Accessories available

- ✓ Hose/gun assembly (gun, hoses + 10 nozzles)
- ✓ Nozzles (25 pieces)
- ✓ Cleaning agent PU (acetone)
- ✓ Vaseline spray
- ✓ heating mats

fan nozzle shape

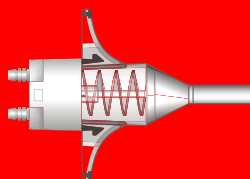
The fan nozzle provides a fine spray that produces a smooth foam surface (regular surface finish).



Average flow: 2 kg/min

Conical stream

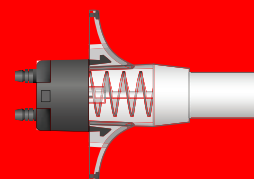
Conical type nozzles offer a cylindrical nozzle for many applications and surfaces.



Average flow: 2 kg/min

filling

A filling nozzle is designed to fill large cavities



Average flow: 4-5 kg/min

Properties

	Net weight per cylinder (1)	Density freely growth	Density injection	Efficiency (2)	sunrise time	Resilience for compression	lambda value (@10°C)	reaction to fire
Test method	-	ext.	ext.	ext.	ext.	EN826	EN 12667	EN 13501-1
Unit	kg	kg/m ³	kg/m ³	Liter	p	kPa	W/(mK)	W/(mK)
Froth-Pak™ foam Systems 180 QR Kit	11.9	28	-	400	thirty	120	≤ 0.022	E
Froth-Pak™ foam Systems 180 SR Kit	11.9	34	40	400	70	120	≤ 0.022	E
Froth-Pak™ foam Systems 600QR	19.9	28	-	1300	thirty	120	≤ 0.022	E
Froth-Pak™ foam Systems 600 SR	19.9	34	40	1300	70	120	≤ 0.022	E
Froth-Pak™ foam Systems 600 ISO	20.5	-	-	-	-	-	-	-
CE-Code PU-EN14315-1-W0.4-DS(70,90)3-DS(-20)1								

(1) Froth-Pak™ foam systems consist of 2 cylinders: a polyol cylinder and an isocyanate cylinder of the same size.

(2) Theoretical yields calculated from laboratory values, blowing agent losses and other negligible effects. Example: 1 m³ equals 20 m² with a foam thickness of 50 mm.

NOTE: Based on the test methods listed, all data are based on unaged foam at 23°C / 50% RH.

Safety instructions

Important

For professional use only - Cylinders with Froth-Pak™ foam systems contain isocyanate, swelling agent and pressurized polyols. Carefully read the instruction manual included with the product and available on the website www.froth-pak.dupont.com and data sheets Safety Data Sheet (SDS) before use. These documents contain important information about applicable safety and health regulations. Safety Data Sheets are revised regularly - ask for the latest version or download it from www.froth-pak.dupont.com (SDS Finder)

Please note the requirements for the safe use of this product by professional and industrial users in the European Union. This information can be found in section 2.2 of the SDS, as well as on the product label and packaging of the isocyanate component of the product.

From August 24, 2023, appropriate training is required before industrial or professional use.

For more information, please visit: feica.eu/Puinfo.

Shelf life and storage

Always store and transport cylinders in an upright position and in dry conditions. Protect the product and accessories from direct sunlight and frost. Storage temperature: +5 °C to +25 °C

Shelf life: 15 months

Additional information

Visit www.fomicom.com or contact your local sales representative for more information.

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