

# RFC POLY Portex

## Portable CAFS fire extinguisher



### Description

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The RFC POLY Portex is just as compact as a conventional fire extinguisher or hand-pump extinguisher, but exceeds their extinguishing performance many times over. The portable CAFS fire extinguisher is fully suitable for operation while wearing gloves and can be easily and quickly carried to a source of fire by one or two people thanks to the ergonomically optimized handles.

### Benefits

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#### Energy-independent extinguishing system

- immediately ready for use upon opening the compressed air cylinder valve and activating the jet pipe
- extremely maintenance-friendly and reliable due to the absence of electrical systems and mechanical drives
- no noise or exhaust emissions during operation

#### First-class extinguishing performance

- excellent extinguishing effect through maximum cooling, effective displacement of oxygen, and thorough penetration of the burning object
- high degree of protection against burn-back due to interruption of the oxygen supply and continuous cooling
- preventive protection against flying sparks and heat for property endangered by fire

#### Excellent throw range

- large safety distance from the source of fire
- makes the fighting of fires in inaccessible places and at heights easier

#### Visible extinguishing success

- white compressed air foam with strong adherence properties is visible to the jet pipe operator
- the evaporation of compressed air foam acts as an indicator of surfaces that are still too hot

#### Rapid refilling

- easy filling of the extinguishing agent container by means of a garden hose and the separate foam agent cartridge with a filling funnel via external quick-release couplings
- uncomplicated measurement of foaming agent quantities using a separate measuring cup with an individualized scale that corresponds to the amount of water

#### Different foam qualities

- use of conventional 0.5%, 1% or 3% Class A and Class B foam compounds and also fluorine-free foam compounds
- wet and dry compressed air foam

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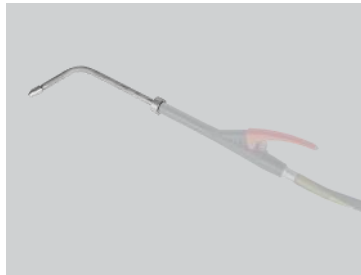
### Accessories



Trolley



Back carrier



Extinguishing device for bengal fire



Drill pump

### Technical data

<b>Standard</b>	according to EN 3
<b>Fill quantity</b>	approx. 10 l (2,6 gal)
<b>Dimensions <sup>1</sup></b>	W x D x H = approx. 297 x 279 x 572 mm (11,7 x 11,0 x 22,5 inch)
<b>Weight <sup>1</sup></b>	<ul style="list-style-type: none"> <li>▪ filled = approx. 26 kg (57,3 lbs)</li> <li>▪ unfilled = approx. 15 kg (33,1 lbs)</li> </ul>
<b>Foam proportioning</b>	generation of a premix solution with 0.5%, 1% or 3% foam concentrate when the compressed air bottle is activated
<b>Foam quality <sup>2</sup></b>	<ul style="list-style-type: none"> <li>▪ wet compressed air foam</li> <li>▪ dry compressed air foam</li> </ul>
<b>Flow rate</b>	<ul style="list-style-type: none"> <li>▪ approx. 11 l/min (2,9 gal/min) at 9 bar (130,5 psi) (wet compressed air foam)</li> <li>▪ approx. 9 l/min (2,4 gal/min) at 9 bar (130,5 psi) (dry compressed air foam)</li> </ul>
<b>Working duration</b>	<ul style="list-style-type: none"> <li>▪ approx. 55 s (wet compressed air foam)</li> <li>▪ approx. 70 s (dry compressed air foam)</li> </ul>
<b>Compressed air bottle</b>	1 l / 300 bar (0,3 gal / 4351,1 psi)
<b>Throw range / Throw height <sup>3</sup></b>	approx. 12 m / 8 m (39,4 ft / 26,3 ft)
<b>Hose</b>	rubberhose DN 10 x 1,5 m (4 ft)
<b>Nozzle</b>	nozzle with fixed full jet
<b>Foam compound <sup>4</sup></b>	<ul style="list-style-type: none"> <li>▪ STHAMEX<sup>®</sup>-Performance 1% F-10 (foam concentrate)</li> <li>▪ Fomtec AFFF 1% F (foam concentrate)</li> <li>▪ MOUSSEAL<sup>®</sup>-CF F-30 (finished foam solution)</li> </ul>
<b>Operating temperature</b>	<ul style="list-style-type: none"> <li>▪ + 5 °C bis + 50 °C (foam concentrate)</li> <li>▪ - 20 °C bis + 50 °C (finished foam solution)</li> </ul>

<sup>1</sup> Complete and operative fire extinguisher

<sup>2</sup> Expansion ratio depends on foam compound used

<sup>3</sup> Throw range and throw height are almost identical for wet and dry compressed air foam

<sup>4</sup> Fire tests were performed with these foam compounds (use of other foam compounds is possible)

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