

Product Overview

Nozzle blow-off caps are silicone protection caps that stop the ingress of unwanted debris or environmental contaminants. This ensures the nozzle and system operates with maximum performance delivering the agent as designed.

All nozzle blow-off caps are designed to come off in a discharge situation, the securing loop minimises loss or any possible further damage.

Key Features

- Designed and Tested specifically for the Fire Suppression Industry

Common Applications

- Heavy Duty Mobile Vehicles
- Buses and Coaches
- Power Generators
- Server Cabinets
- Wind Turbines
- Sports Racing Cars or Boats
- Commercial Boats & Yachts

Reacton Cylinder Compatibility

- Dry Powder
- Wet Chemical
- Class F Wet Chemical Agent
- Clean Agent
- Inert Gas



Mechanical Data

Material:	Silicone
Finish:	Plain
Marking:	Red colour for Dry Powder Blue colour for Wet Chemical
Weight:	0.007kg
Electrical Connections:	N/A
Mechanical Connections:	Specifically designed for use with Reacton's Dry Powder & Wet Chemical 3/8" Nozzles

Functional & Environmental Data

Operating Pressure:	15.0 or 25.0 barg @ 20°C [217.5 or 362.6 psig @ 68°F]
Operating Temperature:	-50°C* to +150°C [-58°F* to + 302°F]
Operation Cycles:	Shall be thoroughly checked after each discharge if not being replaced.
Life Cycle:	10 Years

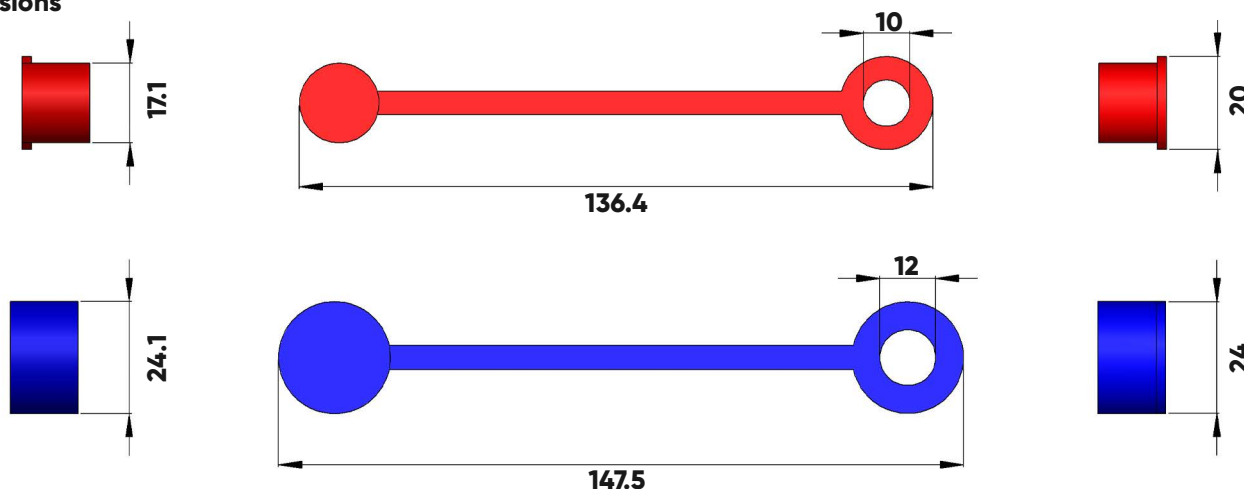
Performance Data

N/A

REACTON ACCESSORIES
NOZZLES BLOW OFF CAPS
COMPONENT DATASHEET

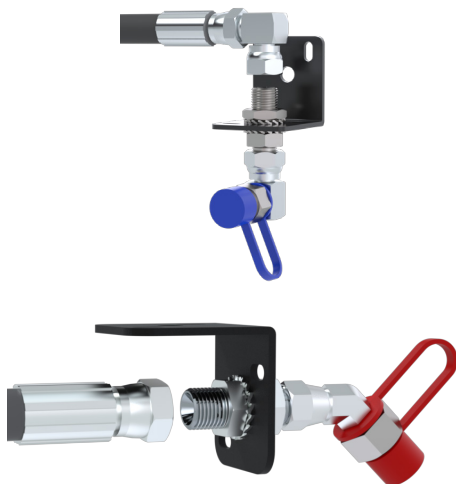
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Dimensions



*All dimensions in mm. Tolerance is $\pm 0.50\text{mm}$ on the dimensions above.

Principle of Operation / Purpose of use



The Reacton® nozzle range control and distribute the agent in a uniform, predetermined pattern and rate. In order to provide this performance nozzles being installed in areas where debris or harsh environments will be present nozzle blow-off caps shall be installed. The nozzle blow-off caps shown in this data sheet are purposely designed for vehicles and are colour coded to assist in confirming the nozzle type, Red for Dry Powder nozzles and Blue for Wet Chemical nozzles.

Design Considerations

Please read the Reacton® installation manual for the equivalent Fire Suppression System you are installing for more details.

Warranty Validity & Precautions

The warranty is invalidated if the system or part is used under conditions other than those indicated in this datasheet or/and the product has been custom modified.

Stresses above the maximum limits indicated may cause permanent damage to the part or system. Exposure to absolute maximum rating conditions for extended periods may affect reliability that could compromise the system integrity and lead to loss of asset, serious injury or death.

Whilst Reacton® has taken care to ensure the accuracy of the information contained herein it accepts no responsibility for the consequences of any use thereof and reserves the right to change the specification of goods without notice.

Powder Nozzle Range

Part Number	Description
RE7144	Nozzle Blow-off Caps, Slip-On, Silicone, Red 3/8"
RE7165	Nozzle Blow-off Caps, Slip-On, Silicone, Blue 3/8"

Doc Number: DOC-COM0029

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