# SPILL-GUN® SPILL CONTROL APPLICATORS

Data/Specifications

ANSUL®

## FEATURES

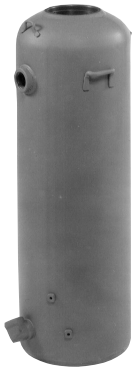
The spill control applicator described under these specifications shall consist of a spill control agent container, an expellant gas cartridge, a discharge hose and a shut-off nozzle; with suitable integral equipment to permit fluidization of the spill control agent, pressurization of the container, and discharge of the spill control agent from the applicator while being operated from its normal upright position.

### Corrosion resistant (CR) models

- In addition to the standard surface preparation procedures, the steel parts are primed using a zinc rich primer with a minimum zinc content of 90%.
- The top coat is a polyester paint applied as a powder and oven cured. The dry film is continuous and is a minimum thickness of 1.5 mils.
- The hose couplings, fill cap, carrying handle, nozzle body, nozzle lever, nozzle tip and cartridge receiver push lever are black anodized for added corrosion resistance.
- The cartridge receiver body is painted with an epoxy paint for added protection in corrosive environments.

### Container

The spill control agent tank shall be a three piece steel assembly consisting of a welded tube, a bottom closure, and a top closure. Date of manufacture shall be stamped on the shell. The finished assembly shall be hydrostatically tested at three times the operating pressure and designed to rupture at a pressure of not less than six times the normal operating pressure. Completed assembly shall be subjected to a final production air test of 240 psi (16.5 bar) and stamped to indicate year of manufacture.



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### Paint

The painted steel parts shall be properly prepared to accept paint application for a uniform paint thickness and to provide corrosion resistance.

### Nameplate

The split nameplates shall be mylar. Operating instructions shall be on the front plate with after use and maintenance instructions on the back plate. Operating plate shall have contrasting background for improved readability.

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### Carrying Handle

The carrying handle shall be designed with the following characteristics: 45° carrying angle, spring loaded to prevent handle from moving during vibration and prevent handle from resting on shell.

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### Fill Cap

The fill cap shall be of forged anodized aluminum utilizing a flat gasket to provide a water seal and a quad ring to provide a gas tight seal. Cap shall be equipped with an indicator device, with a replaceable Lexan cap, which visually shows whether spill control agent chamber is in a pressurized condition.

004492

### Cartridge Puncturing Mechanism

The cartridge receiver shall be made of cast aluminum iridited with the following features: provided with steel insert to prevent thread wear; stainless steel puncture pin equipped with protective rubber cap to prevent accumulation of contaminants; spring loaded impregnated felt washers to seal against moisture and provide lubrication to puncture pin; puncture assembly shall be equipped with a safety pin to prevent accidental actuation of the cartridge.

004493

### Expellant Gas Cartridge

The cartridge shall be of one piece steel construction fabricated in accordance with DOT 3A-1800 specifications and contain nitrogen (Model LT-A-30, Part No. 4893). Expellant gas to be retained in cartridge by means of a brass steel assembly utilizing a copper seat. Seal shall incorporate safety device with a rupture pressure range of 3,150 to 3,500 psi (217.2 to 241.3 bar), at a temperature of 260 °F (127 °C).

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### Cartridge Guard

- Cartridge guard is made of a composite consisting of fiber filled, polypropylene and various additives to resist UV degradation and maintain strength and integrity.
- Composite guard is designed with the nozzle holster as an integral part of the one piece construction. It contains a hose retainer tab which can be used to attach the visual inspection seal. The guard is designed to prevent its removal unless the inspection seal is broken.

003665

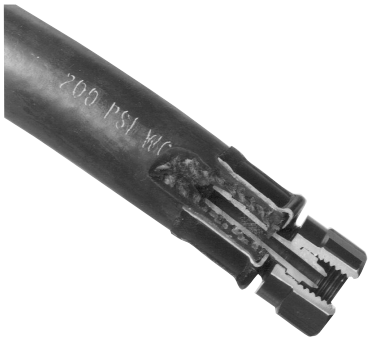
### Nozzle

The discharge nozzle body shall be made of iridited cast aluminum with component parts of stainless steel and other corrosion resistant materials. Nozzle plunger assembly shall be provided with two guide bushings (front and back) to assure proper seating when used with intermittent discharge, thus providing gas and water tightness.

004496

### Discharge Hose

The hose shall be made of ethylene propylene diamine copolymer and UL approved for use at a temperature range of –65 °F to +120 °F (–54 °C to 48 °C). Hose cover shall be pin pricked to avoid outer cover bubbling and shell connection coupling shall be equipped with an O-Ring to provide a proper seal.



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### Wall Hanger

The wall hanger shall be of the wire type and offset to hang on the center of gravity which allows for proper balance of the unit during removal and prevents binding on the wall bracket.

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## RELIABILITY/WARRANTY

The applicator to be furnished under these specifications shall be made by a company having over 50 years of reputable experience in the design and manufacture of this type of equipment and said company shall furnish, upon request, a written limited five year express warranty with each applicator covering materials and workmanship on all component parts included in the applicator assembly. (See applicable price list for description of terms and limits of the warranty.)

## ORDERING INFORMATION

| Part No. | Model | Shipping Weight lb | (kg) |
|---|---|---|---|
| 76083 | SC-30-A Acid SPILL-GUN Applicator | 58 | (26.3) |
| 76089 | SC-30-C Caustic SPILL-GUN Applicator | 53 | (24.0) |
| 76090 | SC-30-S Solvent SPILL-GUN Applicator | 43 | (19.5) |

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