

# Sagola 500 PSAM Airless Pressure Spray Gun



Designed for airless systems up to 500bar, the Sagola 500 PSAM Airless Pressure Spray Gun offers fast, high product output with minimum overspray.

Crafted from forged and anodized aluminum, this device features tungsten carbide needle closures and seats. Its design eliminates the need for gaskets, seals, or plastic components, relying solely on metal-to-metal technology for airless pressure spraying.

The Sagola 500 PSAM is compatible with other RAC airless tip systems.

## Features

- Turnstone carbide seating for longer spray time
- Tough, lightweight, forged and anodized aluminium body for anti-corrosion
- Safety lock
- Easy to access gun filters available in 50 to 200 mesh grades
- Smooth-Glide swivel for easier gun movement under high pressure
- Stainless steel, four-finger trigger for greater comfort and reduced fatigue.

## Technical Specifications

|                                   |   |
|-----------------------------------|---|
| <b>Model</b>                      | <b>Sagola 500 PSAM Airless Pressure Spray Gun</b>   |
| Dimensions                        | 172 x 19 x 182 mm   |
| Weight                            | 510g  |
| Product Inlet Coupling            | 6.35mm BSP Male   |
| Product Filter                    | White (50 Mesh); Yellow (100 Mesh); Red (200 Mesh)  |
| Maximum Working Pressure          | 500bar  |
| Average Sound Pressure Level      | 80 dB   |
| Materials in contact with product | Anodized aluminum, chromed aluminum, POM, INOX, Teflon and Nylon  |
| Compliance                        | 2006/42/CE, ATEX II 2G, IIB T3 x' UNE-EN ISO 80079-36:20, UNE-EN ISO 12100:2012, EN12621, EN12162 & EN 1127-1 |

## Packing List

Spray Gun Product Filter 100 Mesh (Yellow x1)  
 Reversible Airless Spray Tip Guard  
 GRACO RAC Tip Adapter.  
 Airless Spray Tip not included.

## Reversible Airless Tips

| Application | Reversible Tip | Nozzle | Spray Angle | Spray width at 30cm | Air flow at 100bar | Part Number |
|-------------|----------------|--------|-------------|---------------------|--------------------|-------------|
| Finishes    | 20-Sep         | 0.23mm | 20°         | 140mm               | 0.25lpm            | PT81461105  |
|             | 09/40          | 0.23mm | 40°         | 178mm               | 0.25lpm            | PT81461106  |

|                         |        |        |     |       |         |            |
|-------------------------|--------|--------|-----|-------|---------|------------|
|                         | 20-Nov | 0.28mm | 20° | 153mm | 0.37lpm | PT81461108 |
|                         | 11/40  | 0.28mm | 40° | 190mm | 0.37lpm | PT81461109 |
| Basecoats and Primers   | 13/20  | 0.33mm | 20° | 140mm | 0.57lpm | PT81461111 |
|                         | 13/40  | 0.33mm | 40° | 178mm | 0.57lpm | PT81461112 |
|                         | 15/20  | 0.38mm | 20° | 148mm | 0.57lpm | PT81461115 |
|                         | 15/40  | 0.38mm | 40° | 178mm | 0.72lpm | PT81461116 |
|                         | 16/40  | 0.38mm | 40° | 178mm | 0.80lpm | PT81461120 |
|                         | 17/40  | 0.43mm | 40° | 254mm | 0.98lpm | PT81461124 |
| High viscosity products | 17/60  | 0.43mm | 60° | 320mm | 0.98lpm | PT81461125 |
|                         | 18/40  | 0.46mm | 40° | 254mm | 1.10lpm | PT81461128 |
|                         | 18/60  | 0.46mm | 60° | 330mm | 1.10lpm | PT81461129 |
|                         | 19/40  | 0.48mm | 40° | 254mm | 1.30lpm | PT81461133 |
|                         | 21/40  | 0.53mm | 40° | 279mm | 1.52lpm | PT81461138 |
| Thick Coats             | 23/40  | 0.58mm | 40° | 280mm | 1.83lpm | PT81461143 |
|                         | 25/40  | 0.63mm | 40° | 305mm | 2.13lpm | PT81461148 |
|                         | 25/60  | 0.63mm | 60° | 406mm | 2.13lpm | PT81461149 |
|                         | 31/60  | 0.78mm | 60° | 400mm | 2.42lpm | PT81461164 |

## Application Guide

### Reversible Airless Tips

| Application             | Reversible Tip | Nozzle | Spray Angle | Spray width at 30cm | Air flow at 100bar | Part Number |
|-------------------------|----------------|--------|-------------|---------------------|--------------------|-------------|
| Finishes                | 20-Sep         | 0.23mm | 20°         | 140mm               | 0.25lpm            | PT81461105  |
|                         | 09/40          | 0.23mm | 40°         | 178mm               | 0.25lpm            | PT81461106  |
|                         | 20-Nov         | 0.28mm | 20°         | 153mm               | 0.37lpm            | PT81461108  |
|                         | 11/40          | 0.28mm | 40°         | 190mm               | 0.37lpm            | PT81461109  |
| Basecoats and Primers   | 13/20          | 0.33mm | 20°         | 140mm               | 0.57lpm            | PT81461111  |
|                         | 13/40          | 0.33mm | 40°         | 178mm               | 0.57lpm            | PT81461112  |
|                         | 15/20          | 0.38mm | 20°         | 148mm               | 0.57lpm            | PT81461115  |
|                         | 15/40          | 0.38mm | 40°         | 178mm               | 0.72lpm            | PT81461116  |
|                         | 16/40          | 0.38mm | 40°         | 178mm               | 0.80lpm            | PT81461120  |
|                         | 17/40          | 0.43mm | 40°         | 254mm               | 0.98lpm            | PT81461124  |
| High viscosity products | 17/60          | 0.43mm | 60°         | 320mm               | 0.98lpm            | PT81461125  |
|                         | 18/40          | 0.46mm | 40°         | 254mm               | 1.10lpm            | PT81461128  |
|                         | 18/60          | 0.46mm | 60°         | 330mm               | 1.10lpm            | PT81461129  |
|                         | 19/40          | 0.48mm | 40°         | 254mm               | 1.30lpm            | PT81461133  |
|                         | 21/40          | 0.53mm | 40°         | 279mm               | 1.52lpm            | PT81461138  |
| Thick Coats             | 23/40          | 0.58mm | 40°         | 280mm               | 1.83lpm            | PT81461143  |
|                         | 25/40          | 0.63mm | 40°         | 305mm               | 2.13lpm            | PT81461148  |
|                         | 25/60          | 0.63mm | 60°         | 406mm               | 2.13lpm            | PT81461149  |
|                         | 31/60          | 0.78mm | 60°         | 400mm               | 2.42lpm            | PT81461164  |

### Airless Fixed Tips

| Application             | Fixed Tip | Nozzle | Spray Angle | Spray width at 30cm | Air flow at 100bar | Part Number |
|-------------------------|-----------|--------|-------------|---------------------|--------------------|-------------|
| Finishes                | 25-Sep    | 0.23mm | 25°         | 140mm               | 0.25lpm            | PT81460641  |
|                         | 09/40     | 0.23mm | 40°         | 178mm               | 0.25lpm            | PT81460642  |
|                         | 09/65     | 0.23mm | 65°         | 235mm               | 0.25lpm            | PT81460644  |
|                         | 11/40     | 0.28mm | 40°         | 190mm               | 0.37lpm            | PT81460650  |
| High viscosity products | 13/25     | 0.33mm | 25°         | 140mm               | 0.57lpm            | PT81460661  |
|                         | 13/40     | 0.33mm | 40°         | 178mm               | 0.57lpm            | PT81460662  |
|                         | 13/65     | 0.33mm | 65°         | 254mm               | 0.57lpm            | PT81460665  |
|                         | 13/80     | 0.33mm | 80°         | 292mm               | 0.57lpm            | PT81460666  |
|                         | 15/25     | 0.38mm | 25°         | 178mm               | 0.98lpm            | PT81460672  |

|             |        |        |      |       |         |            |
|-------------|--------|--------|------|-------|---------|------------|
|             | 15/40  | 0.38mm | 40°  | 216mm | 0.98lpm | PT81460673 |
|             | 15/50  | 0.38mm | 50°  | 254mm | 0.98lpm | PT81460674 |
|             | 15/65  | 0.38mm | 65°  | 279mm | 0.98lpm | PT81460675 |
|             | 15/80  | 0.38mm | 80°  | 330mm | 0.98lpm | PT81460676 |
| Thick Coats | 17/100 | 0.43mm | 100° | 380mm | 1.30lpm | PT81460627 |
|             | 18/40  | 0.46mm | 40°  | 254mm | 1.12lpm | PT81460698 |
|             | 18/65  | 0.46mm | 65°  | 330mm | 1.12lpm | PT81460701 |
|             | 21/40  | 0.53mm | 40°  | 279mm | 1.52lpm | PT81460714 |

## Part Numbers

Sagola 500 PSAM Airless Spray Gun with Reversible Tip Spray Guard



Part Number: PG30170111

Sagola 500 PSAM Product Needle & Nozzle Kit (including washers)

Part Number: PT30010018

## Accessories

Lubricant Grease (SAE 10), 100ml



Part Number: 56418589

Spray Gun Cleaning Kit



Part Number: 40000086

Spray Gun Product Filter (White)



Part Number: PT30010008

Spray Gun Product Filter (Yellow)



Part Number: PT30010009

Spray Gun Product Filter (Red)



Part Number: PT30010010

Reversible Airless Tip Spray Guard



Part Number: PT81461101

Fixed Airless Tip Spray Guard



Part Number: PT56418698

Sagola 500 PSAM GRACO RAC Tip Adapter



Part Number: PT49000353

Airless Spray Tip Cleaning Needles, Pack of 12



Part Number: PT30010207

Sagola 104 & 107 PSAM Angular Head



Part Number: PT30990371

09/20 Sagola Reversible Airless Pressure Spray Gun Tips



Part Number: PT81461105

09/40 Sagola Reversible Airless Pressure Spray Gun Tips



Part Number: PT81461106

11/20 Sagola Reversible Airless Pressure Spray Gun Tips



Part Number: PT81461108

11/40 Sagola Reversible Airless Pressure Spray Gun Tips



Part Number: PT81461109

13/20 Sagola Reversible Airless Pressure Spray Gun Tips



Part Number: PT81461111

13/40 Sagola Reversible Airless Pressure Spray Gun Tips



Part Number: PT81461112