



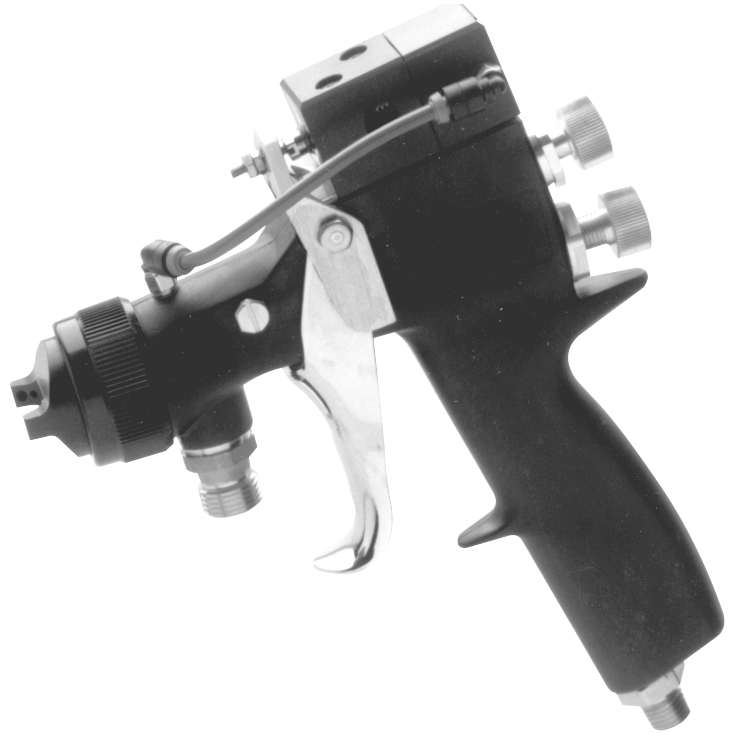
First choice when
quality counts.™

Optimiser 2K™

External Mix Two-Component Spray Gun

Graco's Optimiser 2K spray gun is specifically designed to atomize and apply two-component, waterborne, contact spray adhesives. Its external mix design prevents these instantaneous-reacting adhesives from curing inside the gun and also eliminates the need for solvent flushing.

**Premium HVLP
spray gun for
use with 2K
waterborne
adhesives**



SEALANT ADHESIVE EQUIPMENT

***Optimiser 2K -
the optimum atomizer for 2K contact adhesives,
brings you . . .***

Superior Performance

- The Optimiser 2K delivers superior atomization by pre-atomizing the catalyst and then introducing it to the adhesive.
- The Optimiser 2K injects catalyst from both of its pattern air horns into the path of the adhesive spray. This ensures uniform distribution of catalyst throughout the spray pattern. Adhesive and catalyst are also more thoroughly mixed.

Improved Ergonomics

- The Optimiser 2K is made of a lightweight composite material that reduces operator fatigue yet is tough enough for the rigors of industrial use.
- Catalyst pre-atomizing valve is centered on top of the gun body, providing excellent side-to-side balance in a slim package.

Compatible Construction

- The wetted parts of the Optimiser 2K are compatible with both the waterborne adhesive and activator components.

Optimiser 2K

The ideal choice for contact bonding



Unlike competitive guns that achieve only partial catalyzation, the Optimiser 2K thoroughly mixes catalyst with the adhesive throughout its spray pattern regardless of pattern width. Yet its use of HVLP “soft spray” prevents the adhesive from being driven so deeply into the cells of foam that tack time is lengthened. Uniform catalyzation and low energy atomization ensure bonding integrity.

The Optimiser 2K is the ideal choice for applications involving the bonding of:

- foam to foam
- foam to fabric
- foam to plastic
- wood to wood
- wood to laminate
- wood to carpeting

and many other substrate combinations.

Technical Specifications

- Adhesive inlet 3/8 npsm(m)
- Catalyst inlet 1/8 npt(f)
- Max. adhesive inlet pressure 100 psi (0.7 MPa, 7 bar)
- Max. catalyst inlet pressure 100 psi (0.7 MPa, 7 bar)
- Max. air inlet pressure 100 psi (0.7 MPa, 7 bar)
- Weight 17.5 oz. (0.5 kg)
- Wetted parts
 - Adhesive and catalyst . . . 300 series stainless steel, acetal, nylon, UHMWPE
 - Catalyst only Buna-N, nickel-plated brass, anodized aluminum (air cap only)

Ordering Information

- 949-239 Optimiser 2K**
with 0.055 in. (1.397 mm) fluid nozzle,
PEEK tip needle assembly

- 949-264 Fluid Supply Package for Optimiser 2K**
Includes: 5 gal. (20 liter) pressure tank and
2 gal. (7.6 liter) activator pressure tank.

SEALANT ADHESIVE EQUIPMENT

Accessories

Hose Sets

Each set includes color-coded hoses for adhesive, activator and atomizing air bundled in a flexible, clear plastic sleeve.

Quick-disconnect shut-off fittings are supplied for convenient connection to the spray gun. Inlet fittings for air and adhesive are 3/8 npt(f). Activator inlet fittings are 1/8 npt(m).

949-335 15 ft. (4.6 m) hose set

949-336 25 ft. (7.6 m) hose set

Fluid Nozzle Conversion Kits

Part No.	Orifice Size	
	Inches	Millimeter
949-276	0.020	0.505
949-277	0.026	0.660
949-278	0.030	0.762
949-279	0.042	1.067
949-280	0.055	1.397

236-124 Needle Assembly

with 0.55 in. (1.397 mm) stainless steel needle

949-285 Optimiser 2K Repair Kit