Series 450 XT Snuff Back Valve

Innovative Valve for Two Component Urethanes

Part #	Description
7702216	Alum. Valve, Extended Air Cylinder w/Snuff Back & GT Seals

In response to your needs, Nordson EFD has designed and manufactured an innovative dispense valve specifically for two-component urethanes. Since two-component urethanes are moisture sensitive, any contact with air can cure the material, locking up the dispense valve. This production proven design eliminates exposure of wetted shafts to air.

Features

- Uses same manifold and ergonomic handle as standard Series 450 valve.
- A thicker tie plate increases the distance between the lip seals to be more than the stroke length, resulting in extended seal life and less down time.

Advantages

- Easy to Clean: If cross contamination occurs, the manifold can be removed and cleaned without disassembly of the valve body
- Optional Stainless Steel Valve: Recommended for corrosive acrylics or epoxies
- Flush Valve Manifold: For cleaning the mixing nozzle with air or solvent. A check valve is threaded into the side of the manifold.
- Lubricated and Hard Coated Shafts: Lubricated with Nordson EFD Autogrease for moisture sensitive adhesives and hardcoated to resist abrasive adhesives
- Optional Polytuff, PTFE, Viton®, and EP Seals: For varying chemical formulations and abrasive conditions.
- Optional Night Cap & Ratio Check Cap: Available for 1:1 ratio manifolds

Ordering Guide

- Valve, manifold, and handle are ordered individually
- Optional swivel base available
- For high back pressure conditions (i.e. over 1,000 psi/69 bar) order a double air cylinder
- Seal Designations: T=PTFE, P=Polyurethane, V=Viton, G=Polytuff

Specifications

- **Weight (Aluminum Valve and Manifold):** 1.6 lbs (0.7 kg)
- **Weight (Stainless Steel Valve and Manifold):** 2.5 lbs (1.1 kg)
- **Pressure Rating:** 3,500 psi (240 bar)

more info

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Accessories

Manifolds

Part #	Components	Ratio	Flow Rate
7702221	Aluminum Manifold	1:1	Low Flow
7702222	Aluminum Manifold with Air/Solvent Flush Valve	1:1	Low Flow
7702224	Aluminum Manifold	Wide	Low Flow
7702451	Stainless Steel Manifold	1:1	Low Flow

Fluid Inlet Adapter

Elbow adapter is available to connect the material lines to the valve.

Carbon Steel Pipe Adapters	
Part #	**Description**
7702420	90° Elbow w/3/8" FNPS
7702425	Straight Adapter w/3/8" FNPS
Swivel Check Valve Adapters	
Part #	**Description**
7702409	All SS, 1/4" FNPT

Repair Kit

Part #	Description
7704093	2K Kit 4X0 Repair TGT
7704095	2K Kit 4X0 Repair TPV

Night Cap & Ratio Check Cap

Part #	Description
7701181	Night Cap w/Retaining Nut
7701184*	Ratio Check Cap w/Retaining Nut

*These items are used in conjunction with the 1:1 ratio manifolds

Handles & Base

Part #	Description
7701971	Pistol Grip Handle w/Electric Momentary Switch (24V)
7701977	Pistol Grip Handle w/Pneumatic Switch

Handles/Mounts

Nordson EFD offers electric or pneumatic handles for actuating the air cylinder of the valve. If using an electric handle, a solenoid from an outside vendor is required.

Static Mixers

Mixer selection is critical when it comes to curing two-component adhesives and sealants. EFD offers a wide range of static mixers with different diameters, lengths, geometries, and orifices to meet many different applications.

Retaining Nuts and Jackets

Retaining nuts and jackets are available for all mixers. Nordson EFD recommends using a jacket when the working pressure inside the mixer is greater than 150 psi (10 bar).

Hose Adapters

Elbow adapters are available to connect the material lines to the valve.

Nordson EFD

For Nordson EFD sales and service in over 40 countries, contact Nordson EFD or go to www.nordsonefd.com.

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