



## Pharma+™ TUBING RETAINERS

Experience leak-free fluid transfer like never before with our advanced tubing retainers. Designed to effortlessly secure tubing over hose barbs, our patent-pending retainers feature a revolutionary lead-in ramp ensuring complete 360° compression to prevent leaks, while ribs on both edges provide an extra layer of protection. Crafted for compatibility, they work seamlessly with silicone, TPE, and PVC tubing, making them a versatile choice for biopharm processing and high-pressure medical applications. Their intuitive, clean room-molded design ensures easy, contamination-free assembly, further supported by their recyclable composition. Choose reliability, choose efficiency – choose Pharma+™ tubing retainers and conquer fluid transfer challenges with confidence.

### FEATURES & BENEFITS

- Lead-in ramp creates complete 360° compression for leak prevention, requiring only one Pharma+™ tubing retainer
- Intuitive design for easy assembly using existing cable tie tension tools
- Three sizes cover a range of tubing IDs and ODs to simplify your supply chain and lower cost
- Covering of barb edge creates a secure attachment and prevents leaks from ballooned tubing
- Clean room molded to prevent contamination
- Materials meet USP Class VI & ISO 10993 criteria
- Validated plastic material does not corrode
- Recyclable for easy disposal

### SPECIFICATIONS

- **Material:**  
Polyketone (PK)
- **Tubing ID Sizes:**  
TR30/50-PK5: 1/8" - 3/16"  
TR55/70-PK5: 1/4" - 3/8"  
TR80/100-PK5: 1/2" - 3/4"
- **Tubing OD Sizes:**  
TR30/50-PK5: 1/4" - 7/16"  
TR55/70-PK5: 3/8" - 5/8"  
TR80/100-PK5: 5/8" - 1-1/8"
- **Sterilization:**  
Gamma radiation up to 50 kGy  
Autoclavable up to 250° F (121° C)  
X-ray sterilization up to 50 kGy
- **Operating Pressure:**  
60-80 psi pressure rating to 90-120 psi burst

# Pharma+™

## TUBING RETAINERS

**Nordson**  
MEDICAL

FLUID COMPONENTS

### LEAK-FREE FLUID TRANSFER

#### TR30/50-PK5

Tubing Retainer 1/4" (6.4 mm) to  
7/16" (11.1 mm) OD Tubing, Polyketone



#### TR55/70-PK5

Tubing Retainer 3/8" (9.5 mm) to  
5/8" (15.9 mm) OD Tubing, Polyketone



#### TR80/100-PK5

Tubing Retainer 5/8" (15.9 mm) to  
1-1/8" (28.6 mm) OD Tubing, Polyketone



### Simplified Installation with 3 Versatile Sizes

Pharma+ tubing retainers fit a wide range of tubing ODs to simplify your supply chain and lower cost while providing all the desired features without compression gaps, tube pinching, and complex installation.

## Complete 360° Compression

360-degree compression creates an even and consistent pressure distribution around the tubing, ensuring a tight and secure fit over the hose barb. This uniform compression minimizes any gaps or weak points, effectively preventing the potential for leaks in fluid transfer applications.

