

## Product Information

### Description

- Polyester type polyurethane thermoplastic flexible tubing
- Transparent, smooth finish inside and outside diameters
- Complies with S-A Sanitary Standard Number 20-17
- FDA accept able for food contact per regulations 175.105, 177.1680, and 177.2600

### Usage

- Flexible connections
- Dust control sleeves
- End transitions
- Vibratory and gyratory sitters
- Screeners
- Feeders
- Bin dischargers
- Hoppers
- Conveyors
- Packaging equipment

### Technical Data

- HARDNESS: 82 Shore A
- WALL THICKNESS: .030 (30 mil, 1/32")
- TENSIL STRENGTH: 6500 psi
- TEMP. RANGE: -40°F to 180°F
- LOW TEMP. FLEXIBILITY: Excellent
- SURFACE FINISH: Smooth both sides
- 100% MODULUS: 750 psi
- 300% MODULUS: 1800 psi
- ULTIMATE ELONGATION: 760%
- TEAR STRENGTH: 410 lbs/inch

### Resistance to:

- ABRASION: Outstanding
- TEARING: Excellent
- FLEX FATIGUE: Excellent
- OILS & GREASE: Good
- WEATHERING: Excellent
- WATER ABSORPTION: Very Good
- ACID: (dilute: Fair), (concentrated: Fair)



- ▲ PolyClear outlasts rubber and nylon sleeves, and are easy to cut to any desired length.

### Sizes

- Available in 4" I.D. to 12" I.D., including fractional and metric diameters
- Diameters can be easily increased by briefly using a hot-air gun when installing
- Length to 50 feet in roll form



PolyClear **Installation Instructions** on ►  
the reverse side.

## ROTEX Parts and Service:

If you need assistance with this or any other ROTEX® part, call ROTEX Parts and Service:  
**(513) 542-PART (7278)**  
parts@rotex.com

## Product Installation Instructions

Your ROTEX PolyClear Sleeve is designed to be installed on your ROTEX screener and other equipment with enough slack to allow for the machine motion.

Do not pull tight between the pipes! Pulling the ROTEX PolyClear Sleeve "tight" over the length of the gap between the pipes will result in premature sleeve failure. When properly installed, it should look similar to the picture on the right.

If cutting from a roll, a rule of thumb is to add 4-5" to the sleeve length in order to allow attachment and to accommodate your machine's movement.

If you ordered your sleeve by length, ROTEX has already added 4-5" to your sleeve to accommodate your machine's movement.



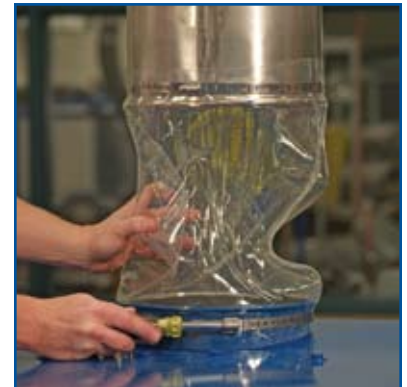
### How To Properly Install Your ROTEX PolyClear Sleeve:



1. Securely band clamp the ROTEX PolyClear Sleeve to the upper pipe and let the sleeve hang down. The material is designed to be stretched over the pipe for a snug fit. If a little more room is needed, diameters can be easily increased by briefly using a hot-air gun when installing.



2. Gather the ROTEX PolyClear Sleeve around the circumference at the approximate middle of the connecting sleeve's length and squeeze the sleeve closed. The sleeve will resemble an hourglass shape.



3. With the ROTEX PolyClear Sleeve gathered in that position, attach the free end to the bottom pipe and secure with a band clamp.



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# ROTEX®

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