

# THERMOPLASTIC CASTERS

80,81 Series  
80S,81S Series

with Zinc Hardware  
with Stainless Steel Hardware

## FEATURES:

Castors are available in swivel and total lock or directional lock. They are used on food service, utility carts, health care and hospital equipment.

**Total Lock:** Simultaneously locks the swivel and wheel making the unit stationary.

**Directional Lock:** Locks the swivel in straight tracking position.

1. **Swivel-** Precision ball bearing.
2. **Construction-** Plastic body with zinc plated carbon steel fittings or SS fittings.
3. **Axle-** 3/8" dia. bolt with lock nut completed with axle caps.
4. **Brake-** Total lock and directional lock are available.

**Note:** Available directly from Vulcan Machinery.

## WHEELS:



Wheel				Cap.	Load Height	Swivel Radius	80 Series Total/Directional	App. Wgt.
Dia.	TW		Brg.					
Ins.	Ins.	TYPE	Brg.	Pounds	Ins.	Ins.	Catalog No.	Pounds
5	1-1/4	Pro-U Grey	Ball	300	6-13/16	4-1/4	5-80-213P-T/D	1-3/4
	1-1/4	Pro-U Grey	Delrin	300	6-13/16	4-1/4	5-80-214P-T/D	1-3/4
	1-1/4	Easy Roll Donut	Ball	300	6-13/16	4-1/4	5-80-213D-T/D	1-3/4
	1-1/4	Easy Roll Donut	Delrin	300	6-13/16	4-1/4	5-80-214D-T/D	1-3/4
	1-1/4	Easy Roll Flat	Ball	300	6-13/16	4-1/4	5-80-213F-T/D	1-3/4
	1-1/4	Easy Roll Flat	Delrin	300	6-13/16	4-1/4	5-80-214F-T/D	1-3/4

## Note:

1. Precision bearing constructed of #3 Series S.S. cases and #4 Series S.S. balls.
2. When ordering, item numbers with a "D" indicate Directional  
When ordering, item numbers with a "T" indicate Total



**5-80-213D-5-T** Zinc  
**Total Lock Brake**

**5-80-213D-5-D** Zinc  
**Directional Lock Brake**



**5-80-213D-2** Zinc  
**Swivel**

## STANDARD TOP PLATE SIZES

Top Plate Number	Overall Size	Bolt Hole Spacing	Mounting Bolt
2	2-3/8 x 3-5/8	1-3/4 x 3	5/16
3	3-1/8 x 4-1/8	2-3/8 x 3-7/16	5/16
4	3-1/2 x 3-1/2	2-5/8 x 2-5/8 slotted to 2-3/4 x 2-3/4	5/16
5	3-3/4 x 4-1/2	2-5/8 x 3-5/8 slotted to 3 x 3	3/8

# THERMOPLASTIC CASTERS

87 Series  
87S Series

with Zinc Hardware  
with Stainless Steel Hardware

## FEATURES:

Castors are available in swivel and total lock or directional lock. They are used on food service, utility carts, health care and hospital equipment.

**Total Lock:** Simultaneously locks the swivel and wheel making the unit stationary.

**Directional Lock:** Locks the swivel in straight tracking position.

1. **Swivel-** Precision ball bearing.
2. **Construction-** Plastic body with zinc plated carbon steel fittings or SS fittings.
3. **Axle-** 3/8" dia. bolt with lock nut completed with axle caps.
4. **Brake-** Total lock and directional lock are available.

**Note:** Available directly from Vulcan Machinery.

## WHEELS:



**5-87-213D-19-T** Zinc  
**Total Lock Brake**

**5-87-213D-19-D** Zinc  
**Directional Lock Brake**



**5-87-213D-19** Zinc  
**Swivel**

## EXPANDING RUBBER APPLICATOR SIZES

Applicator Number	Tubing ID (inches)	Size Range (inches)	Knurled Nut	Expanding Rubber	Plain Bushing	Base* Washer
11	7/8	0.852-0.927	1435-02*	1645-00	1432-00	1473-02
15	1-1/8	1.030-1.140	1436-02	1646-00	1433-00	1473-02
17	1-3/16	1.178-1.303	1441-02	1648-00	1430-00	1473-02
19C	1-3/8	1.360-1.425	1438-02*	1647-00	1436-00	1473-02
19A	1-1/2	1.426-1.589	1437-02*	1649-00	1434-00	1473-02
21	1-7/8	1.790-1.850	1422-02	1650-00	1440-00	1473-02

## Note:

1. Fits a wide range of tubing from 7/8" I.D. to 1-7/8" I.D., round or square. Please specify exact tubing I.D. or O.D. and gauge.
2. \* Also available in stainless steel.

Wheel				Cap.	Load Height	Swivel Radius	87 Series Total/Directional	App. Wgt.
Dia.	TW		Brg.					
Ins.	Ins.	TYPE	Brg.	Pounds	Ins.	Ins.	Catalog No.	Pounds
5	1-1/4	Pro-U Grey	Ball	300	6-7/16	4-1/4	5-87-213P-T/D	1-3/4
	1-1/4	Pro-U Grey	Delrin	300	6-7/16	4-1/4	5-87-214P-T/D	1-3/4
	1-1/4	Easy Roll Donut	Ball	300	6-7/16	4-1/4	5-87-213D-T/D	1-3/4
	1-1/4	Easy Roll Donut	Delrin	300	6-7/16	4-1/4	5-87-214D-T/D	1-3/4
	1-1/4	Easy Roll Flat	Ball	300	6-7/16	4-1/4	5-87-213F-T/D	1-3/4
	1-1/4	Easy Roll Flat	Delrin	300	6-7/16	4-1/4	5-87-214F-T/D	1-3/4

## Note:

1. Precision bearing constructed of #3 Series S.S. cases and #4 Series S.S. balls.
2. When ordering, item numbers with a "D" indicate Directional  
When ordering, item numbers with a "T" indicate Total