



# Liquid Roc 300 Twin Tube



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### Available Materials

- Twin Tube – polyester resin base, benzoyl peroxide hardener
- Square cut rods – A307 steel, zinc plated. Other sizes, materials and finishes available upon request

### Features/Advantages

- Pre-measured adhesive
- Easy to use and can be saved for re-use
- Nozzle included
- Works well in horizontal and overhead applications
- Can be used with screen tubes



Made in USA

Anchor Type	Ultimate Loads in Lbs. Unreinforced Brick Wall		
	Drill Diameter	Embedment	Average Load (lbs)
3/4" shear	1"	8"	7056 shear
3/4" combo 22-1/2°	1"	12-1/2"	8830 tension
5/8" combo	1" / 5/8"	8" / 13"	9292 shear

7521020 - Replacement Nozzle

### Cure Time

Concrete Temperature	Time
Over 80°F.	20-30 min.
80° to 68°F.	30-40 min.
68° to 58°F.	40-50 min.
58° to 48°F.	60 min.
48° to 38°F.	2 hrs.
38° to 28°F.	4 hrs.

### Concerns

- 9 month shelf life
- For short term loading only

### Approvals/Listings

- Contact customer service for approvals/listings for state D.O.T.'s



### Wire Mesh Screen

Order Code	Description	O.D.
7706924	3/8" x 6"	1/2"
7706940	3/8" x 10"	1/2"
7708924	1/2" x 6"	5/8"
7708940	1/2" x 10"	5/8"
7710924	5/8" x 6"	3/4"
7710940	5/8" x 10"	3/4"
7712924	3/4" x 6"	1"
7712940	3/4" x 10"	1"



### Order Detail

Twin Tube Order Code	Sq. Cut Rod Diameter	Hole Diameter	Minimum Embedment	Ultimate Tensile & Shear Loads in Lbs.* Concrete Strength (P.S.I.)				Ultimate Tensile & Shear Loads in Lbs.			
				2000 P.S.I.		4000 P.S.I.		Grouted Masonry Block**		Hollow Masonry Block**	
				Tension	Shear	Tension	Shear	Tension	Shear	Tension	Shear
7521041 28 fl.oz. w/Nozzle 5/Box	3/8"	1/2"	3-1/2"	4,720	6,133	5,920	6,133	4,562	5,997	1,007	2,214
	1/2"	5/8"	4-1/2"	9,067	8,880	9,067	9,520	5,541	9,015	1,071	1,446
	5/8"	3/4"	5-1/2"	11,387	12,160	14,427	14,053	7,222	11,213	858	2,830
	3/4"	1"	6"	—	—	—	—	—	—	1,458	2,249
	3/4"	7/8"	6-1/2"	18,213	19,360	19,973	20,000	9,561	10,993	—	—
	7/8"	1"	7-1/2"	24,107	24,640	26,507	26,827	—	—	—	—
	1"	1-1/8"	8-1/2"	24,800	28,800	30,773	34,000	—	—	—	—

\* Load values based on A-193, B7 Rods

\*\* Concrete masonry units meet ASTM C90, Grade N, Type 1

### Installation

- 1 Drill hole to correct diameter and depth.
- 2 Clean dust from hole using a round nylon brush. Use pressurized air to blow dust out of hole.
- 3 Twist off cap on cartridge.
- 4 Screw static mixer nozzle over cartridge opening. Load into dispensing tool.
- 5 Dispense adhesive filling from bottom of hole to avoid air pockets.  
NOTE: Dispense and discard a bead of material to achieve proper mix, indicated by uniform color.
- 6 Insert anchor rod into hole using slight twisting motion.
- 7 In cases where you are using a screen, first fill the screen completely, then insert screen in the hole, then insert anchor into screen.

