

LIQUID ROC® 300 TWIN TUBE

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 in hollow applications
- Can be used with screen tubes



CONSIDERATIONS

- 9 month shelf life
- For short term loading only

APPROVALS/LISTINGS

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

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

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.

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"



7521095
Manual Tool for 28 oz. Twin Tube



7521096
Pneumatic Gun for 28 oz. Twin Tube

7521020
Replacement Nozzle

ORDER DETAIL

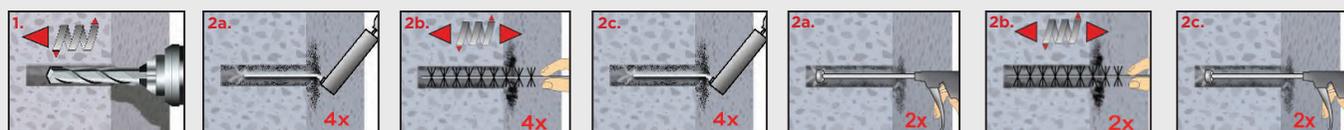
Twin Tube Order Code	Sq. Cut Rod Diameter	Hole Diameter	Minimum Embedment	Ultimate Tensile & Shear Loads in Lbs.* Concrete Strength (P.S.I.)							
				2000 P.S.I.		4000 P.S.I.		Grouted Masonry Block**		Hollow Masonry Block**	
				Tension	Shear	Tension	Shear	Tension	Shear	Tension	Shear
7521041 28 fl.oz. 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

USAGE INSTRUCTIONS - CONCRETE

MAC: Cleaning for hole diameter d0 3/4" and hole depth h0 10ds (uncracked concrete only!)

1. Hammer drill a hole into the base material to the diameter and embedment depth required by the selected anchor.
- 2a. Starting from the bottom or the back of the drilled hole, blow the hole clean by a hand pump a minimum of four times
- 2b. Check the brush diameter. Brush the hole with an appropriate sized wire brush > db, min a minimum of four times in a twisting motion. If the bottom of the drilled hole is not reached with the brush, a brush extension must be used.
- 2c. Finally blow the hole clean again with a hand pump a minimum of four times.



CAC: Cleaning for all hole diameter in uncracked and cracked concrete

- 2a. Starting from the bottom or back of the hole, blow the hole clean with compressed air (min. 90 psi) a minimum of two times until return air stream is free of noticeable dust. If the bottom of the drilled hole is not reached an extension must be used.
- 2b. Check the brush diameter. Brush the hole with an appropriate sized wire brush > db, min a minimum of two times in a twisting motion. If the bottom of the drilled hole is not reached with the brush, a brush extension must be used.
- 2c. Finally blow the hole clean again with compressed air (min. 90 psi) a minimum of two times until return air stream is free of noticeable dust. If the bottom of the drilled hole is not reached an extension must be used.

After cleaning, the hole has to be protected against re-contamination in an appropriate way, until dispensing the adhesive in the hole. If necessary, the cleaning has to be repeated directly before dispensing the adhesive. In water-filled hole applications, the water must not be allowed to re-enter the hole.