

## Adhesive Accessories

## Adhesive Dispensing Tools

Our heavy-duty tools are designed to work with our cartridges for trouble-free dispensing. Each manual tool provides a 26:1 drive mechanism for easier dispensing of high-viscosity adhesive.

**CDT10S****Manual Dispensing Tool for Single Cartridge Adhesives**

The CDT10S features a steel carriage for ultimate durability and is engineered for continuous, high-volume use, as well as double-gripping plates that help extend tool life.



CDT10S

**EDT22S****Manual Dispensing Tool for 22 oz. Adhesive Cartridges**

The EDT22S epoxy adhesive tool features a steel carriage and is engineered for high-volume, continuous use. The tool can be easily converted (conversion parts included) from dispensing a 22 oz., 1:1 ratio cartridge to a 16.5 oz., 2:1 ratio cartridge.



EDT22S

**EDTA22CKT****Battery-Powered Dispensing Tool for 22 oz. Cartridges**

The EDTA22C offers power dispensing of 22 oz., 1:1 ratio, dual-cartridge adhesives without the need for a hose or compressor. The 18V lithium-ion battery is 50% lighter than NiCad and offers 40% longer run time and 30-minute recharging. Tool converts to dispense 16.5 oz., 2:1 ratio dual-cartridge adhesives (conversion parts included). The EDTA22CKT comes with the dispensing tool, two 18V lithium-ion battery packs and a charger.

EDTA22CKT  
Tool and Charger**EDTA22P****Pneumatic Dispensing Tool for 22 oz. Cartridges**

The EDTA22P tool features an optional suitcase handle adapter for the ultimate in tool configuration and dispensing convenience, enabling easier and time-saving ground-level doweling. The heavy-duty tool comes with a custom, blow-molded plastic carrying case.



EDTA22P

**EDTA56P****Pneumatic Dispensing Tool for 56 oz. Cartridges**

The EDTA56P tool features an optional suitcase handle adapter for the ultimate in tool configuration and dispensing convenience, enabling easier and time-saving ground-level doweling. The heavy-duty tool comes with a custom, blow-molded plastic carrying case.



EDTA56P

Description	Model No.
Premium tool for single-tube cartridges	CDT10S
Manual tool for 22 oz. cartridges	EDT22S
Replacement 14.4V battery (ea.)	EDT14B
Battery-powered tool for 22 oz. cartridges	EDTA22CKT
Pneumatic tool for 22 oz. cartridges <sup>1,2</sup>	EDTA22P
Pneumatic tool for 56 oz. cartridges <sup>1,2</sup>	EDTA56P

1. Air supply attachment is ¼–18 NPT (male) thread.
2. Recommended operating air pressure is between 80 and 100 psi.

Maintenance tips, troubleshooting and repair parts schematics available at [strongtie.com](http://strongtie.com).

## SET-3G™ High-Strength Epoxy Adhesive

## SET-3G Adhesive Cartridge System

Model No.	Capacity (ounces)	Cartridge Type	Carton Quantity	Dispensing Tool(s)	Mixing Nozzle
SET3G10 <sup>1</sup>	8.5	Coaxial	12	CDT10S	EMN22I
SET3G22-N <sup>1</sup>	22	Side-by-side	10	EDT22S, EDTA22P, EDTA22CKT	EMN22I

1. One EMN22I mixing nozzle and one extension are supplied with each cartridge.
2. Cartridge estimation guidelines are available at [strongtie.com/apps](http://strongtie.com/apps).
3. Use only Simpson Strong-Tie® mixing nozzles in accordance with Simpson Strong-Tie instructions. Modification or improper use of mixing nozzle may impair SET-3G adhesive performance.

SET-3G Cure Schedule<sup>1,2</sup>

Concrete Temperature		Gel Time	Cure Time
(°F)	(°C)	(min.)	(hr.)
40	4	120	192
50	10	75	72
60	16	50	48
70	21	35	24
90	32	25	24
100	38	15	24

For SI: 1°F = (°C x 9/5) + 32.

1. For water-saturated concrete and water-filled holes, the cure times should be doubled.
2. For installation of anchors in concrete where the temperature is below 70°F (21°C), the adhesive must be conditioned to a minimum temperature of 70°F (21°C).

## AT-XP® High-Strength Acrylic Adhesive

## AT-XP Adhesive Cartridge System

Model No.	Capacity ounces (cubic in.)	Cartridge Type	Carton Qty.	Dispensing Tool	Mixing Nozzle
AT-XP10 <sup>4</sup>	9.4 (16.9)	Coaxial	6	CDT10S	AMN19Q
AT-XP13 <sup>4</sup>	12.5 (22.5)	Side-by-side	10	ADT813S	
AT-XP30 <sup>4</sup>	30 (54)	Side-by-side	5	ADT30S ADTA30P or ADTA30CKT	

1. Cartridge estimation guidelines are available at [strongtie.com/apps](http://strongtie.com/apps).
2. Detailed information on dispensing tools, mixing nozzles and other adhesive accessories is available at [strongtie.com](http://strongtie.com).
3. Use only Simpson Strong-Tie® mixing nozzles in accordance with Simpson Strong-Tie instructions. Modification or improper use of mixing nozzle may impair AT-XP adhesive performance.
4. One AMN19Q mixing nozzle and one nozzle extension are supplied with each cartridge.

## Cure Schedule

Base Material Temperature		Gel Time (minutes)	Cure Time (hrs.)
°F	°C		
14	-10	30	24
32	0	15	8
50	10	7	3
68	20	4	1
86	30	1½	30 min.
100	38	1	20 min.

For water-saturated concrete, the cure times must be doubled.

## Crack-Pac® Injection Epoxy



**Crack-Pac Kit  
(ETIPAC10KT)**

Crack-Pac injection epoxy is also available in the Crack-Pac Injection Kit (ETIPAC10KT). The kit includes everything needed to pressure inject cracks.

- Two Crack-Pac cartridge/nozzle sets (ETIPAC10)
- 12 E-Z-Click injection ports
- Two E-Z-Click injection fittings with 12" tubing
- One pint of ETR paste-over epoxy (8 oz. of resin + 8 oz. of hardener)
- Four disposable wood paste-over applicators
- One pair latex gloves

## Crack-Pac Cartridge System

Model No.	Capacity (ounces)	Cartridge Type	Carton Quantity	Dispensing Tool
ETIPAC10	9	Single	12	CDT10S
ETIPAC10KT	18	Single	2 (kits)	

Crack-Pac® Flex-H<sub>2</sub>O™ Polyurethane Crack Sealer

Crack-Pac Flex-H<sub>2</sub>O Kit  
(CPFH09KT)

Crack-Pac Flex-H<sub>2</sub>O injection epoxy is also available in the Crack-Pac Flex-H<sub>2</sub>O Injection Kit (CPFH09KT). The kit includes everything needed to pressure inject cracks.

- Two Crack-Pac Flex-H<sub>2</sub>O cartridge/nozzle sets (CPFH09)
- 12 E-Z-Click injection ports
- Two E-Z-Click injection fittings with 12" tubing
- One pint of ETR paste-over epoxy (8 oz. of resin + 8 oz. of hardener)
- Four disposable wood paste-over applicators
- One pair latex gloves

Crack-Pac Flex-H<sub>2</sub>O Packaging

Model No.	Capacity	Cartridge Type	Carton Quantity	Dispensing Tool
CPFH09	9 ounces	Single	12	CDT10S
CPFH09KT	18 ounces	Single	2 (kits)	
FH05 <sup>1</sup>	5 gallons resin	Pail	1	—
	16 ounces catalyst			

1. For standard reaction time, use 30:1 resin to catalyst ration.

For a faster reaction time, add more catalyst; for a slower reaction time, use less.