

ELDER TOOLS INTERNATIONAL

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**Sliding Sleeves**

Models 'ETI-XO' and 'ETI-XA'

DESCRIPTION:

The 'ETI-XO' and 'ETI-XA' sliding sleeves are downhole flow control devices mounted in the production tubing. They effectively control flow between the tubing and casing annulus by means of an internal sleeve that is operated by a Model 'B' shifting tool. The 'ETI-XO' sliding sleeve is shifted down to open, up to close. The 'ETI-XA' sliding sleeve is shifted up to open, down to close.

APPLICATIONS:

The 'ETI-XO' and 'ETI-XA' are used for selective production, testing and treating of individual zones in a multi-zone selective well or producing more than one zone through a single tubing string. The 'ETI-XO' and 'ETI-XA' are also used to displace the tubing or annulus fluid after the valve tree is installed, circulating inhibitors for corrosion control or killing a well by circulation. A blanking plug or separation sleeve can be landed in the nipple profile to shut-in well or when testing tubing.

FEATURES:

- Simple, positive control. The 'ETI-XO' or 'ETI-XA' make it possible to close the ports without leaving any obstruction in the tubing once the shifting operation is completed.
- Additional seating nipple. The upper sub of the 'ETI-XO' and 'ETI-XA' sleeves have an 'X' profile seating nipple to land selective or top no-go locking, flow control devices. The lower seal sub has a honed bore that in combination with the upper seating nipple can be utilized to and separation sleeves, chokes or blanking plugs.
- Run in tandem. Any number of 'ETI-XO' or 'ETI-XA' may be used in tandem. Selective-type locks will pass through as many of the sleeves as the operator chooses and seat in any sleeve he selects.
- Most parts of the 'ETI-XO' and 'ETI-XA' are interchangeable.
- Equivalent to and parts interchangeable with Otis Product Numbers 121XO and 121XA.

AVAILABILITY:

Tubing Sleeve

Size	Size	Seal Bore	Max OD
2-3/8	1.87	1.875	3.093
2-7/8	2.31	2.312	3.750
3-1/2	2.75	2.750	4.500
	2.81	2.812	

Contact your Elder Tools INTERNATIONAL representative for complete availability

