

# Anti-Reflux Esophageal Stents

Bypass of the cardia with a stent results in gastroesophageal reflux. In order to prevent the latter and thereby minimise the risk of bronchopulmonary aspirations, the Anti-Reflux Esophageal Stents from MICRO-TECH is equipped with a unique valve system.

The revolutionary aspect of the valve is its 2-way function which imitates the human protective mechanism perfectly. On the one hand, it allows food and liquids to enter the stomach unimpeded and reliably prevents reflux. On the other, it opens in the oral direction in case of excessive pressure. The patient can therefore obtain relief by vomiting in spite of the valve. The valve is particularly flexible and, at the same time, highly resistant to gastric acid.

## Performance Characteristics:

- innovative 2-way valve system
- self-expanding
- Nitinol mesh with atraumatic ends
- excellent positional stability
- high radial force
- resistant and elastic covering
- high radiopacity
- extraction threads for removal and repositioning
- guide wire-compatible up to 0.035 inches

## Specifications:

REF	Centre Dia. (mm)	End Dia. (mm)	Length (mm)	Covering (mm)	Anti-reflux valve
Stents with partial covering					
ST21-232.20.100	20	26	100	85	distal
ST21-232.24.100	24	30	100	85	distal
Stents with end-to-end covering					
ST21-234.20.100	20	26	100	85	distal
ST21-234.24.100	24	30	100	85	distal