

## TANK DIPPING TAPES CONFORMING TO THE IPM SPECIFICATION

- The dipping tapes on this page conform to the specifications contained in the Institute of Petroleum Measurement Manual Part II, and to the International Standard ISO/FDIS 4512.
- Each tape and weight is marked with its appropriate IPM number
- These standards cover every component in precise detail, including the brass dip weight, the bell type locking swivel hook and the brass frame winder with wooden handle. They reflect the accumulated experience of users in the petrochemical industry over many years, and have been adopted by the industry in most parts of the world.
- The maximum permitted error for the tape / weight combination is +/- 1.5 mm for all lengths up to 30m
- The tapes are graduated on one side only. Graduations are either in millimetres (IPM8), or feet, inches and 10ths of inches (IPM7a).
- Available to special order only are graduations in feet, inches and 1/16ths of inches (IPM7b)
- Most users specify these tapes in black etched carbon steel. However, we offer the alternative of etched stainless steel (grade 4021) for those applications which call for this tape material
- *Refills not listed are available to order. Please contact our sales office*
- All dipping tapes on this page are supplied without the weight

### ETCHED CARBON STEEL ON BRASS FRAME WINDER WITHOUT WEIGHT



TAPES WITH FRAMES

Part Number	Length
FR-D-IPM8-414-10	10m
FR-D-IPM8-414-15	15m
FR-D-IPM8-414-20	20m
FR-D-IPM8-414-25	25m
FR-D-IPM8-414-30	30m
FR-D-IPM8-414-50	50m

FR-D-IPM7-414-33	33ft
FR-D-IPM7-414-50	50ft
FR-D-IPM7-414-66	66ft
FR-D-IPM7-414-75	75ft
FR-D-IPM7-414-100	100ft

#### REFILL TAPES

Part Number	Length
FR-D-IPM8-414A-10	10m
FR-D-IPM8-414A-15	15m
FR-D-IPM8-414A-20	20m
FR-D-IPM8-414A-25	25m
FR-D-IPM8-414A-30	30m

### EMPTY BRASS FRAME



Part Number	
FR-EMPTY-F.W-30	For tapes up to 30m

### ETCHED STAINLESS STEEL ON BRASS FRAME WINDER WITHOUT WEIGHT



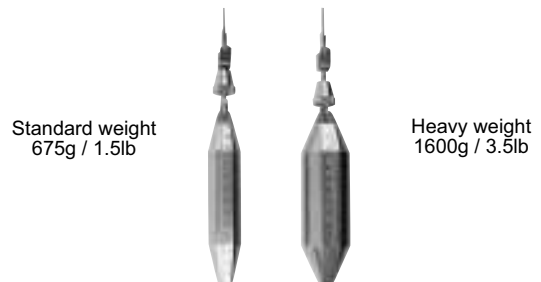
TAPES WITH FRAMES

Part Number	Length
FR-D-IPM8-464-10	10m
FR-D-IPM8-464-15	15m
FR-D-IPM8-464-20	20m
FR-D-IPM8-464-25	25m
FR-D-IPM8-464-30	30m

#### REFILL TAPES

Part Number	Length
FR-D-IPM8-464A-10	10m
FR-D-IPM8-464A-15	15m
FR-D-IPM8-464A-20	20m
FR-D-IPM8-464A-25	25m
FR-D-IPM8-464A-30	30m

### IPM BRASS DIP WEIGHTS



FOR ALL IPM TAPES

Part Number	Weight	Graduations
FR-WEIGHT-B-M	675g	mm
FR-WEIGHT-B-2M	1600g	mm
FR-WEIGHT-B-1Z	1.5lbs	inches 10ths
FR-WEIGHT-WZ	3.5lbs	inches 10ths