

The background of the advertisement is a grayscale photograph of two construction workers wearing hard hats and safety vests. One worker is holding a rolled-up blueprint, and the other is talking on a mobile phone. In the foreground, there are various surveying tools: a tripod-mounted level on the left, a large Lufkin Pro Series 25' tape measure in the center, a stack of Lufkin rules on the right, and a large measuring wheel at the bottom right.

Lufkin®

- Power Tapes
- Surveying Tapes
- Rules
- Measuring Wheels

Ever since the first Lufkin® wood rule was produced in 1869, the Lufkin brand has been synonymous with high quality and unmatched accuracy. Today, Lufkin wood rules, power tapes, engineering and surveying tapes, specialty tapes and measuring wheels comprise one of the widest selections of measuring products available from any manufacturer.

Lufkin® Table of Contents

For over a century, Lufkin® tapes have been recognized as the standard for accuracy and high quality. Lufkin® steel tapes are manufactured to government standards traceable to the U.S. Department of Commerce, National Institute of Standards and Technology. Periodically, these standards are recalibrated with renewed certification by the N.I.S.T.

LUFKIN® TAPE CERTIFICATION AND ISO

Many end-users are registering for ISO certification. If they use measuring tapes as part of their production processes, it is advisable to establish procedures requiring the use of a certified tape as a master.

Lufkin® provides selected certified tapes in excess of 50' for standard charges (which include the purchase price of the tape). Short tapes are not calibrated, but are checked for accuracy. Lufkin's test procedures are traceable to the National Institute of Standards and Technology. Prices and available certified tapes are available from Apex Tool Group's Technical Services Department.

Contents	Page No.
Short tapes	63 - 71
Pro Series, Series 2000 & 1000 power tapes	63 - 65
Hi-Viz® short tapes	65
Quikread short tapes	66
800 Series, 700 Series and L600 Series power tapes	67 - 68
Pocket tapes	69 - 70
Short tape blades	71 - 75
Long steel tapes	75 - 80
Long steel tape blades	80 - 82
Hi-Viz® fiber tapes	83 - 84
Fiber tape blades	85
Synthetic fiber tapes	86
Synthetic fiber tape blades	86
Oil gauging long tapes	87 - 89
Oil gauging long tape blades	89 - 90
Plumb bobs	91
Surveying long tapes	92 - 94
Surveying long tape blades	95 - 96
Engineering / Surveying long tapes	96
Reels and replacement parts for reels and frames	97 - 98
Short and long tapes accessories	98 - 99
Folding wood rules	99 - 102
Flat rules	103 - 104
Measuring wheel products	105 - 106
Lufkin® numerical index	107 - 108

Short tapes

Prefixes

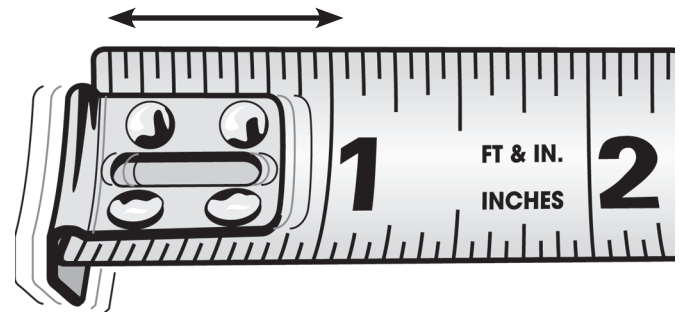
C-	Chrome Clad®
R-	Replacement Blade
W or Y-	Yellow Clad

Suffixes

ME-	Metric/English Graduations, millimeter numbering
CM-	Metric/centimeter numbering
CME-	Metric/English graduations, centimeter numbering
D-	English Graduated feet and decimal feet along one edge, feet and inches along other edge
X-	Graduated in feet, inches and tenths of inches
DM-	Graduated millimeters and feet, 10ths and 100ths

Quad Hook®

- Patented four rivet design reduces strain and extends blade life
- Hardened end hook is tough and durable
- End hook durability test results show that the Quad Hook® significantly outlasts the competition
- Burr on inside edge of Quad Hook® grabs onto the workpiece
- Quad Hook® serrations allow use as a scribe
- Quad Hook® on 1" tapes only



Lufkin

Short Tapes

- Blades are finished with an abrasive resistant coating for durability and long life
- Two color easy-to-read markings
- Self-adjusting end hooks
- Metric/English, English, Decimal, & Metric/Decimal
- Refills available on some models

PS3000 - Pro Series Power Return Tapes

- Patented end hook lasts 10 times longer than ordinary end hooks
- Ny-clad coating extends blade life
- Rubber cushion shell protects tape from impact and improves grip
- Compact size for comfort and easy storage
- Removable belt clip



PS3425

Cat. No.	UPC No.	Blade Size		Blade Style	Pack Wt.		Shelf Pack
		Width	Length		lb	kg	
PS3435	037103194657	1"	35'	A5	5.85	2.7	4
PS3430	037103194596	1"	30'	A5	5.9	2.7	4
PS3425	037103194633	1"	25'	A5	4.56	2.1	4
PS3425D	037103200389	1"	25'	A4	4.56	2.1	4
PS3048CME	037103196910	1"	26' (8m)	A13	4.56	2.1	4
PS3316	037103194572	3/4"	16'	A2	2.85	1.3	4
PS3035CME	037103196927	3/4"	16' (5m)	A13	2.85	1.3	4
PS3312	037103194589	3/4"	12'	A2	2.5	1.1	4

Series 2000 Power Return Tapes

Lufkin



2125

- Case designed to fit perfectly in the hand
- Lightweight, high strength chrome finished case
- Fits easily into most tape holsters
- Bright yellow blade has clear easy-to-read numerals
- Toggle lock is positioned for convenient operation and holds the blade securely in any position
- Virtually unbreakable Quad Hook[®]; four rivets for extra strength (1" blade only)
- Cushioned blade return
- Removable belt clip
- All shelf pack power tapes on this page are carded

Cat. No.	UPC No.	Blade Size		Blade Style	Pack Wt.		Shelf Pack	Replacement Blade	UPC No.
		Width	Length		lb	kg			
2133	037103108580	1"	33'	A5	8.00	3.63	6	-	-
2133D	037103108524	1"	33' Engineer's	A4	8.00	3.63	6	-	-
2410CME	037103108517	1"(25mm)	33'(10m)	A30	8.00	3.63	6	-	-
2130	037103442130	1"	30'	A5	6.65	3.02	6	RY430	037103459862
2049CME	037103442901	1"(25mm)	30'(9m)	A30	6.65	3.02	6	-	-
2125	037103441539	1"	25'	A5	5.68	2.58	6	RY425	037103457042
2048CME	037103441829	1"(25mm)	26'(8m)	A30	5.68	2.58	6	-	-
2325	037103442123	3/4"	25'	A2	4.56	2.07	6	RY325	037103452351
2325D	037103013316	3/4"	25' Engineer's	A4	4.56	2.07	6	-	-
2338CME	037103013255	3/4"(19mm)	26'(8m)	A13	4.56	2.07	6	-	-
2316	037103441737	3/4"	16'	A2	3.14	1.42	6	RW316	037103452337
2335ME	037103013293	3/4"(19mm)	16'(5m)	A12	3.14	1.42	6	-	-
2035CM	037103057532	19mm	5m	A9	3.14	1.42	6	-	-
2035CME	037103441997	3/4"(19mm)	16'(5m)	A13	3.14	1.42	6	RY35CME	037103461018
2312	037103441720	3/4"	12'	A2	2.4	1.07	6	-	-
2312D	037103013309	3/4"	12' Engineer's	A4	2.4	1.07	6	RW312	037103452207
2034CME	037103003546	3/4"(19mm)	13'(4m)	A13	2.6	1.18	6	-	-
2033CME	037103104007	3/4"(19mm)	10'(3m)	A13	2.38	1.08	6	-	-
2333ME	037103013286	3/4"(19mm)	10'(3m)	A12	2.2	1.0	6	-	-
2212	037103013231	1/2"	12'	A1	1.9	0.85	6	RY212	037103450388
2212X	037103013477	1/2"	12' Engineer's	A7	1.9	0.85	6	-	-
2212DX	037103124920	1/2"	12' Engineer's	A31	1.9	0.85	6	-	-
2024CME	037103103994	1/2"(13mm)	13'(4m)	A13	2.0	0.90	6	-	-
2210	037103013323	1/2"	10'	A1	1.8	0.80	6	RY210	037103450234
2210MEX	037103097897	1/2"(13mm)	10'(3m) Engineer's	A36	1.8	0.80	6	-	-
2223CME	037103013224	1/2"(13mm)	10'(3m)	A13	1.8	0.80	6	-	-

Series 1000 Power Return Tapes

- Hi-Viz® case - easy to find on the job
- Case designed to fit perfectly in the hand
- Lightweight, high strength case
- Fits easily into most tape holsters
- Bright yellow blade has clear easy-to-read numerals
- Toggle lock is positioned for convenient operation and holds the blade securely in any position
- Virtually unbreakable Quad Hook®; four rivets for extra strength (1" blade only)
- Cushioned blade return
- Removable belt clip
- All shelf pack power tapes on this page are carded



HV1430

Lufkin

Cat. No.	UPC No.	Color	Blade Size		Blade Style	Pack Wt.		Shelf Pack	Replacement Blade	UPC No.
			Width	Length		lb	kg			
HV1433	037103108494	Orange	1"	33'	A5	8.00	3.63	6	RXL33	037103459978
HV1433DM	037103108562	Orange	1"(25mm)	33'(10m) Engineer's	A29	8.00	3.63	6	-	-
HV1410CME	037103108548	Orange	1"(25mm)	33'(10m)	A30	8.00	3.63	6	-	-
HV1049CME	037103141552	Orange	1"(25mm)	30'(9m)	A30	6.26	2.84	6	-	-
HV1430	037103063342	Orange	1"	30'	A5	6.26	2.84	6	RY430	037103459862
HV1425	037103039545	Orange	1"	25'	A5	5.57	2.53	6	RY425	037103457042
HV1425D	037103063359	Orange	1"	25' Engineer's	A4	5.57	2.53	6	-	-
HV1425ED	037103142009	Orange	1"	25'	A35	5.57	2.53	6	-	-
HV1048CM	037103105547	Orange	25mm	8m	A9	5.57	2.53	6	-	-
HV1048CME	037103105554	Orange	1"(25mm)	26'(8m)	A30	5.57	2.53	6	-	-
HV1048DM	037103085122	Orange	1"(25mm)	25'(7.6m) Engineer's	A29	5.57	2.53	6	-	-
HV1325	037103045881	Orange	3/4"	25'	A2	4.40	2.00	6	RY325	037103452351
HV1038CME	037103181046	Orange	3/4"	26'(8m)	A30	4.40	2.00	6	-	-
HV1325D	037103063328	Orange	3/4"	25' Engineer's	A4	4.40	2.00	6	-	-
HV1316	037103045898	Orange	3/4"	16'	A2	3.05	1.38	6	RW316	037103452337
HV1035CM	037103089588	Orange	19mm	5m	A9	3.05	1.38	6	-	-
HV1035CME	037103089595	Orange	3/4"(19mm)	16'(5m)	A13	3.05	1.38	6	RY35CME	037103461018
HV1312	037103045904	Orange	3/4"	12'	A2	2.78	1.26	6	RW312	037103452207
HV1312D	037103063335	Orange	3/4"	12' Engineer's	A4	2.78	1.26	6	-	-
HV1034CME	037103141545	Orange	3/4"(19mm)	13'(4m)	A13	2.78	1.26	6	-	-
HV1034DM	037103085139	Orange	3/4"(19mm)	12'(3.7m) Engineer's	A29	2.78	1.26	6	-	-
HV1012	037103063311	Orange	1/2"	12'	A1	1.90	0.85	6	RY212	037103450388
HV1024CME	037103141538	Orange	1/2"(13mm)	13'(4m)	A13	1.90	0.85	6	-	-
HV1010	037103063304	Orange	1/2"	10'	A1	1.8	0.80	6	RY210	037103450234
HV1023CM	037103089564	Orange	13mm	3m	A9	1.8	0.80	6	-	-
HV1023CME	037103089571	Orange	1/2"(13mm)	10'(3m)	A13	1.8	0.80	6	RY23CME	037103450241

Quikread® Power Return Tapes



QR1316

- Graduations printed in fractions and decimal equivalents to help you make quick readings
- Rounded blue case fits your hand for comfort
- Patented Lufkin Quad Hook® extends blade life by reducing blade breakage (1" only)
- Positive toggle lock holds blade securely at any length for accurate measurements
- Self-compensating end hook for inside and outside measurements
- Durable ABS case withstands rugged use on the job site
- Built in bumper reduces shock when blade is retracted, extending product life

Cat. No.	UPC No.	Blade Size		Blade Style	Pack Wt.		Shelf Pack
		Width	Length		lb	kg	
QR1312	037103169266	3/4"	12'	A3	2.78	1.26	6
QR1316	037103169259	3/4"	16'	A3	3.05	1.38	6
QR1425	037103152589	1"	25'	A3	5.57	2.53	6

Power Return Tapes



Chrome and orange case

- Positive toggle lock holds blade securely at any length for accurate measurements
- Chrome or easy-to-find Hi-Viz® orange case finish available
- Self-compensating end hook for inside and outside measurements
- Patented Quad Hook® extends blade life by reducing blade breakage
- Built in bumper reduces shock when blade is retracted, extending product life

Y46CME

Cat. No.	UPC No.	Blade Size		Blade Style	Pack Wt.		Shelf Pack
		Width	Length		lb	kg	
HV420	037103104168	1"	20'	A5	4.48	2.03	6
Y420	037103104113	1"	20'	A5	4.79	2.17	6
Y46CME	037103001047	1" (25mm)	20' (6m)	A30	4.79	2.17	6
HV116	037103039149	1"	16'	A5	4.04	1.83	6

800 Series Xtra-wide Power Return Tapes

- 1-3/16" x 25' power return tape, orange case, cushion grip
- New blade design achieves 10' stand-out, make longer measurements
- Soft touch lock button for better feel and control
- Rubber cushion absorbs impact and improves grip
- Case designed to fit your hand
- Clearcoat blade protection - more durable markings
- 4-rivet reinforced end hook - increased strength for long blade life
- Non-slip slide lock for positive blade locking
- Easy on/off belt clip for fast attachment to belt



XL8525

Cat. No.	UPC No.	Blade Size		Blade Style	Pack Wt.		Shelf Pack
		Width	Length		lb	kg	
XL8525	037103222923	1-3/16"	25'	A5	4.4	2.0	4
XL8525D	037103223999	1-3/16"	25'	A5	4.4	2.0	4
XL8548CME	037103225856	1-3/16"	26' (8M)	A13	4.4	2.0	4

700 Series Auto-lock

- Automatic blade lock holds the blade in extended position
- Recessed lock release to reduce chance of accidental retraction
- Non-slip co-molded rubber grip
- Durable clearcoat blade protection for longer blade life
- Steel reinforced end hook for longer service life
- Tough ABS case to stand up to the toughest work site



AL725

Cat. No.	UPC No.	Blade Size		Blade Style	Pack Wt.		Shelf Pack
		Width	Length		lb	kg	
AL725	037103214539	1"	25'	A5	8.72	3.96	8
AL748CME	037103214546	1"	26' (8m)	A13	8.72	3.96	8

700 Series Magnetic End Hook

- Magnetic end hook is a time-saver for framers, HVAC installers, and more
- Use for one-man measurements of steel framing and drop ceiling grids
- Powerful dual magnets can also serve as a pick-up tool
- Non-slip co-molded rubber grip
- Durable clearcoat blade protection for longer blade
- Steel reinforced end hook for longer service life
- Tough ABS case to stand up to the toughest work site



L725MAG

Cat. No.	UPC No.	Blade Size		Blade Style	Pack Wt.		Shelf Pack
		Width	Length		lb	kg	
L725MAG	037103214560	1"	25'	A5	8.72	3.96	8
L748MAG	037103214522	1"	26' (8m)	A13	8.72	3.96	8

700 Series Auto-lock, Magnetic End Hook



- Automatic blade lock holds the blade in extended position
- Recessed lock release to reduce chance of accidental retraction
- Magnetic end hook is a time-saver for framers, HVAC installers, and more
- Powerful dual magnets can also serve as a pick-up tool
- Non-slip co-molded rubber grip
- Durable clearcoat blade protection for longer blade life
- Steel reinforced end hook for longer service life
- Tough ABS case to stand up to the toughest work site

Cat. No.	UPC No.	Blade Size		Blade Style	Pack Wt.		Shelf Pack
		Width	Length		lb	kg	
AL725MAG	037103215666	1"	25'	A5	4.4	2	4

L600 Series Power Return Tapes



L625

- Durable 2 rivet end hook with reinforcing strip
- Clear coat blade protection – more durable markings
- Case designed to fit comfortably in your hand
- Hi-Viz® orange case – easy to find on the job
- Removable belt clip
- Fits easily in most tape holsters
- Easy-to-read yellow clad blade
- QRL625MP - HiViz blue case

Cat. No.	UPC No.	Blade Size		Blade Style	Pack Wt.		Shelf Pack
		Width	Length		lb	kg	
L625	037103241108	1"	25'	A5	6.45	2.9	8
L625CME	037103241115	1"	26' (8m)	A13	6.45	2.9	8
L616	037103241085	3/4"	16'	A2	2.70	1.2	6
L616CME	037103241092	3/4"	16' (5m)	A13	2.70	1.2	6
L610	037103241061	1/2"	10'	A1	1.60	0.7	6
L610CME	037103241078	1/2"	10' (3m)	A13	1.60	0.7	6
L625SCTMP	037103241122	1"	25'	A37	6.45	2.9	8
QRL625MP	037103241139	1"	25'	A3	6.45	2.9	8

Mezurall™

- Chrome plated case (except for the Y8210 & Y8212 which have a black case)
- Yellow clad blade
- Available in widths of 1/2" and 3/4" and up to 12' in length
- Power retraction operation
- Belt clip



W928

Cat. No.	UPC No.	Packed	Blade Size		Blade Style	Pack Wt.		Shelf Pack	Replacement Blade	UPC No.
			Width	Length		lb	kg			
W928	037103458728	Carded	1/2"	8'	A1	1.25	.56	6	-	-
W9210	037103458735	Carded	1/2"	10'	A1	1.5	.67	6	RY210	037103450234
Y8210	037103457967	Carded	1/2"	10'	A1	1.4	.64	6	-	-
W9212	037103458742	Carded	1/2"	12'	A1	1.64	.75	6	RY212	037103450388
W9312	037103458780	Carded	3/4"	12'	A2	2.2	1.0	6	RW312	037103452207
W9312D	037103458797	Carded	3/4"	12' Engineer's	A4	2.2	1.0	6	-	-
W9210ME	037103458766	Carded	1/2"(13mm)	10'(3m)	A11	1.5	.67	6	-	-
Y8212	037103457981	Carded	1/2"	12'	A1	1.5	.68	6	RY212	037103127075

Mezurall™

- Ideal for industrial use
- Chrome plated case
- Hard chrome plated blade is tough and accurate
- Available in 1/2" width and 12' in length
- Power retraction operation

Chrome clad®



C9212

Cat. No.	UPC No.	Blade Size		Blade Style	Pack Wt.		Shelf Pack
		Width	Length		lb	kg	
C9212X	037103455574	1/2"	12'	A6	1.45	.66	6
C9212	037103455567	1/2"	12'	A8	1.45	.66	6

Pee Wee®

- Pocket size ideal for office or home
- High strength case, Yellow clad blade
- 1/4"/6mm wide blade is flexible; bold graduations on yellow background give quick accurate readings
- Power retraction operation
- W616BO is Hi-Viz® orange case; all other cases are black
- W618D blade is graduated 10ths and 100ths only, and black case only



W6110

Cat. No.	UPC No.	Packed	Blade Size		Blade Style	Pack Wt.		Shelf Pack	Replacement Blade	UPC No.
			Width	Length		lb	kg			
Y613ME	037103104106	Carded	1/4"(6mm)	10'(3m)	A17	.73	.33	6	-	-
W616	037103458575	Carded	1/4"	6'	A16	.55	.25	6	-	-
W6110	037103458544	Carded	1/4"	10'	A16	.77	.35	6	-	-
W616BO	037103028624	Carded	1/4"	6'	A16	.55	.25	6	-	-

Executive® Thinline



W606ME

- Convenient for office, briefcase, or pocket
- 6' easy-to-read blade
- Power retraction

Cat. No.	UPC No.	Packed	Blade Size		Blade Style	Pack Wt.		Shelf Pack	Replacement Blade	UPC No.
			Width	Length		lb	kg			
W606	037103458551	Boxed	1/4"	6'	A16	.55	.25	6	-	-
W608	037103458568	Boxed	1/4"	8'	A16	.65	.29	6	-	-
W606ME	037103458520	Boxed	1/4"(6mm)	6'(2m)	A17	.55	.25	6	-	-

Executive® Diameter



W606P

- Designed for measuring diameters of pipe, cable, tire or any circular object
- Polished chrome case
- Zero falls in the same place on each side of the blade; conversion from diameter to circumference is made simply by turning the blade
- Model W606P shows diameter inches to 1/64ths; W606PD to 100ths, W606PM to millimeters
- Yellow clad blade
- Easy-to-read bold graduations on yellow background
- Spring action returns blade to case

Cat. No.	UPC No.	Packed	Blade Size		Blade Style	Pack Wt.		Shelf Pack	Replacement Blade	UPC No.
			Width	Length		lb	kg			
W606P	037103458506	Boxed	1/4"	6'	A18	.55	.25	6	-	-
W606PD	037103458513	Boxed	1/4"	6'	A19	.55	.25	6	RW06PD	037103458605
W606PM	037103458537	Boxed	6mm	2m	A20	.55	.25	6	-	-

Architect's Pocket Scale

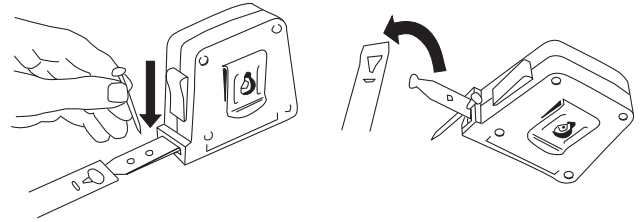


- Yellow clad blade
- 1/4" yellow steel blade has jet black markings
- Manual or automatic return operation, but also features automatic blade return

Cat. No.	UPC No.	Packed	Blade Size		Blade Style	Pack Wt.		Shelf Pack	Replacement Blade	UPC No.
			Width	Length		lb	kg			
W393	037103458483	Boxed	1/4"	5'	A21	1.05	.48	6	-	-

How to Change Short Tape Blades:

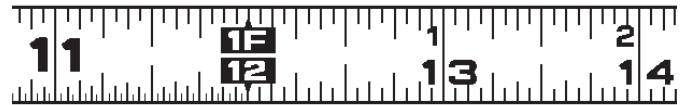
- 1) Pull old blade out past end until about 2" of bluish metal spring is exposed. Put a nail in round hole (A) in spring to hold it.
- 2) Note how old blade is attached, then remove it.
- 3) New blade is reverse wound, ready to attach to spring. With blade graduations up, turn spring sideways and insert from bottom into slot (B) in new blade. Twist spring and pull back until notches (C) lock at rear of slot (B).
- 4) Remove nail and return blade to case.



Lufkin

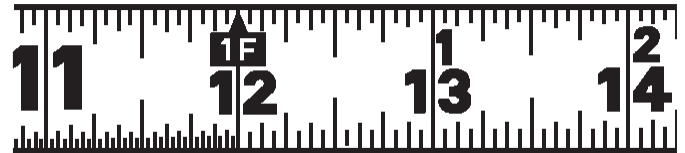
A1 Yellow Clad

- 1/2" width only
- Black and red markings one side only
- Graduated feet and inches to 1/16ths top edge
- Graduated inches to 1/16ths bottom edge, first 12 inches to 1/32nds
- Instantaneous foot readings
- Stud marks every 16"



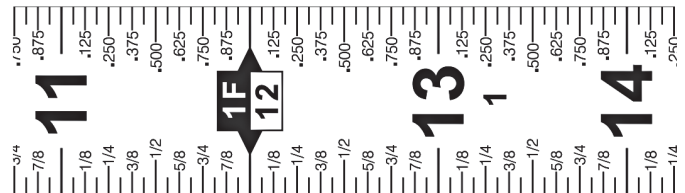
A2 Yellow Clad

- 3/4" width only
- Black and red markings one side only
- Graduated feet and inches to 1/16ths top edge
- Graduated inches to 1/16ths bottom edge, first 12" to 1/32nds
- Instantaneous foot readings
- Stud marks every 16"



A3 Yellow Clad

- 3/4" and 1" widths
- Graduated feet and inches to 1/16ths top and bottom edge
- Vertical numbering
- Fractional and decimal equivalent marking
- Stud marks every 16"



A4 Yellow Clad

- 3/4" and 1" widths
- Graduated feet, 1/10ths and 1/100ths top edge; feet, inches and 1/16ths on bottom edge
- Instantaneous foot readings
- NOTE: 1" width has red and black markings; 3/4" has black markings only
- Stud marks every 16"



A5 Yellow Clad



- 1-3/16" and 1" widths
- Black and red markings one side only
- Consecutive inches to 16ths
- Stud marks every 16"
- Truss marks every 19.2"
- Instantaneous foot readings

A6 Chrome Clad®



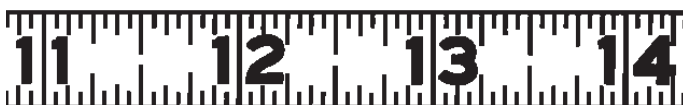
- 1/2" width only
- Chrome Clad® blade
- Black markings one side only
- Graduated to 1/10ths of inches on both edges

A7 Yellow Clad



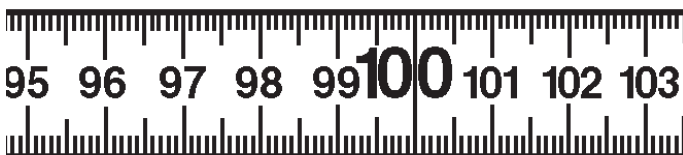
- 1/2" width only
- Black markings one side only
- Graduated to 1/10ths of inches on both edges
- First 6" on bottom edge graduated to 1/50ths

A8 Chrome Clad®



- 1/2" width only
- Chrome Clad® blade
- Black markings one side only
- Graduated consecutive inches and 1/16ths on top and bottom edges

A9 Yellow Clad



- Available in 13mm, 19mm and 25mm widths
- Black and red markings one side only
- Both edges graduated to millimeters; numbered consecutive centimeters with larger red numbers at each decimeter

A11 Yellow Clad



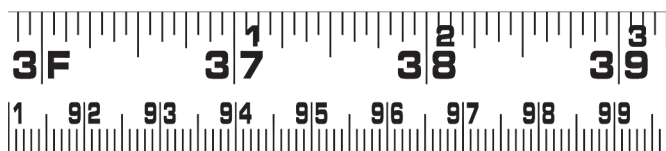
- 1/2"/13mm width only
- Black and red markings one side only
- Top edge graduated and numbered inches
- Bottom edge to millimeters, numbered consecutive millimeters with red number at each decimeter

A12 Yellow Clad

- 3/4"/19mm width
- Black and red markings one side only
- Top edge graduated and numbered inches (no stud centers); bottom edge graduated in millimeters, numbered consecutive millimeters with red number at each decimeter
- Stud marks every 16" and 40cm

**A13 Yellow Clad**

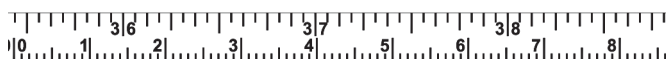
- 1/2"/13mm and 3/4"/19mm widths
- Black and red markings one side only
- Top edge to 1/16ths, continuous inches; feet and decimeters marked in red
- Bottom edge graduated to millimeters, numbered consecutive centimeters;

**A16 Yellow Clad**

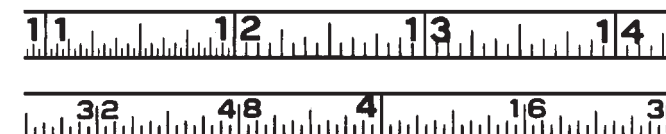
- 1/4" width only
- Black markings one side only
- Consecutive inches to 1/16ths bottom edge, first 12" to 1/32nds
- Stud marks every 16" and 40cm

**A17 Yellow Clad**

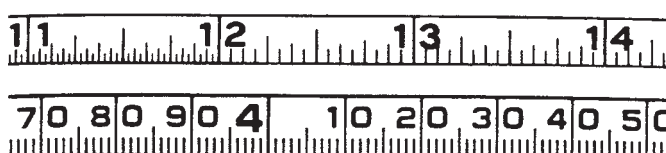
- 1/4"/6mm width only
- Black markings one side only
- Top edge graduated in inches to 1/16ths
- Bottom edge graduated in millimeters, numbered in centimeters; 1 to 9 in each decimeter

**A18 Yellow Clad**

- 1/4" width only
- Black markings both sides
- Consecutive inches to 1/16ths, first 12" to 1/32nds on side 1
- Diameter inches to 1/64ths side 2; blank space ahead of zero

**A19 Yellow Clad**

- 1/4" width only
- Markings both sides
- Consecutive inches to 1/16ths, first 12" to 1/32nds on side 1
- Diameter inches to 1/100ths side 2; blank space ahead of zero

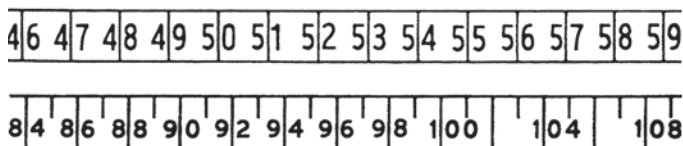


A20 Yellow Clad



- 6mm width only
- Markings both sides
- Consecutive centimeters to millimeters on side 1
- Diameter to millimeters side 2, numbered in centimeters

A21 Yellow Clad



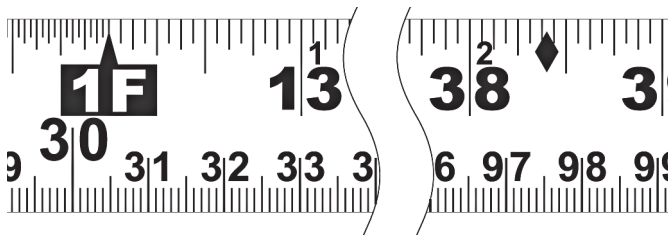
- 1/4" width only
- Black markings both sides
- One side marked 1/4th scale (1 to 240), other side has 1/8th scale (1 - 480)

A29 Yellow Clad



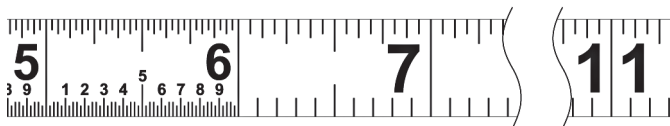
- 3/4"/19mm and 1"/25mm widths
- Black and red markings one side only
- Graduated millimeters on top edge and feet
- 1/10ths and 1/100ths on bottom edge

A30 Yellow Clad



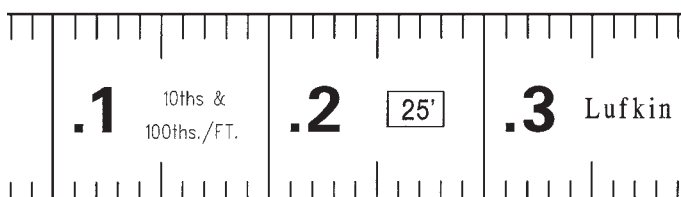
- 1"/25mm width only
- Markings one side only
- English top edge to 1/16ths, first 12" to 1/32nds, (continuous inches plus consecutive inch marks within each foot from 1' mark). Truss marks every 19.2"
- Metric bottom edge graduated to millimeters, numbered consecutive centimeters

A31 Yellow Clad



- 1/2" width only
- Black and red markings on one side only
- Graduated to 1/16ths on top edge graduated in 1/32nds
- 1/10ths on bottom edge; first 6 inches graduated in 1/50ths

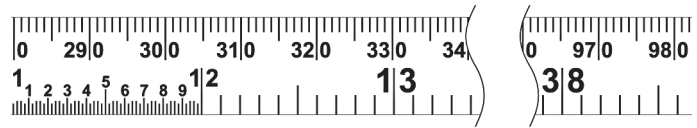
A35 Yellow Clad



- 1" width only
- Black and red markings one side only
- Graduated in feet, 1/10ths and 1/100ths of feet, numbered in feet and 10ths of feet

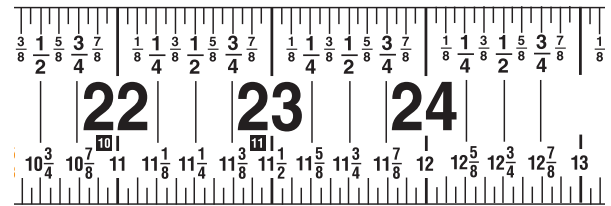
A36 Yellow Clad

- 1/2" width only
- Black and red markings one side only
- Top edge numbered every 10 millimeters with red print for every 100cm increment and graduations every millimeter. Bottom edge numbered in consecutive inches graduated in 1/10ths of an inch with first 12" graduated to 1/50ths and numbered in 10ths



A37 Yellow Clad

- 1" width only
- Black and red markings one side only
- Top edge graduated to 1/16ths, and numbered in consecutive inches and fractional equivalents to 1/8ths.
- Bottom edge with red print numbered at the mid-point of the measurement on the top edge



Long Tapes

Lufkin® tapes and rules are manufactured to comply with U.S. Government Specifications Board's requirements for accuracy. Our bench mark standards are certified by the N.I.S.T. Standard temperature for steel tapes is 68°F (20°C); coefficient of expansion for steel tapes is 0.00000645' per degree Fahrenheit/0.0000116' per degree Celsius. Standard tension for most long steel tapes, when fully supported throughout their entire length, is 10 lbs. Surveyor's tapes of heavy gauge steel when fully supported throughout their entire length is 10 lbs. up to 100', and 20 lbs. over 100' long. All Lufkin® steel tapes have a clear abrasive resistant protection to provide wear and corrosion resistance.

Long tapes

Prefixes

C-	Chrome Clad®
W or Y-	Yellow Clad
H-	Hook ring at zero
R-	Replacement blade
CD-	Chrome clad derrick
CN	Chrome Clad® and Nubian®
O-	Replacement blade
R-	Replacement blade

Suffixes

M-	Metric graduations
MM-	Metric graduations / millimeter numbering
MME-	Metric / English graduations
ME-	Metric / English graduations
D-	Feet / decimal feet graduations
DM-	Feet / decimal feet / Metric graduations
B-	Feet / decimal feet with add-on leader
C-	Consecutive inches to 1/16ths
CM-	Metric graduations / centimeter numbering
CME-	Metric / English graduations
CX-	Consecutive inches to 1/10ths of inches

Anchor®



C213

- Rugged, vinyl-covered steel case
- Chrome Clad® blade
- Large easy-action winding drum and friction washers
- Nylon rollers guide the tape smoothly in and out of case

Cat. No.	UPC No.	Packed	Blade Size		Blade Style	Pack Wt.		Shelf Pack	Replacement Blade	UPC No.
			Width	Length		lb	kg			
C213	037103451408	Boxed	3/8"	50'	B7	0.93	0.42	1	--	--
C213C	037103451514	Boxed	3/8"	600"	B3	0.93	0.42	1	-	-
C213CX	037103451538	Boxed	3/8"	600"	B4	0.93	0.42	1	-	-
C213D	037103451552	Boxed	3/8"	50'	B5	0.93	0.42	1	OC213D	037103451569
C216	037103451606	Boxed	3/8"	100'	B7	1.64	0.74	1	--	--
C21616THBLK	037103451675	Boxed	3/8"	100'	B2	1.64	0.74	1	--	--
C216D	037103451699	Boxed	3/8"	100'	B5	1.64	0.74	1	-	-

Leader®



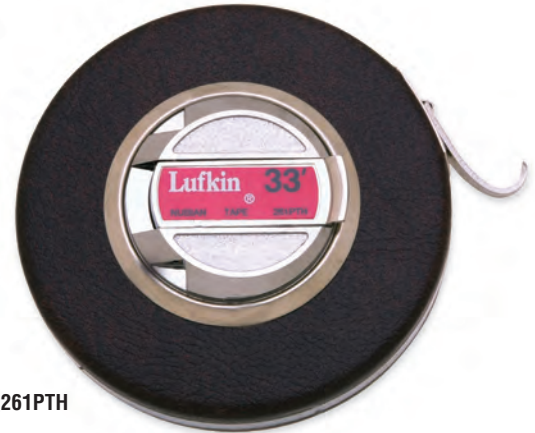
HC256

- Sturdy, rust-resistant steel case has a tough, black vinyl cover
- Chrome Clad® blade
- Jet-black markings are bonded to the steel and recessed below the hard chrome surface; highly resistant to wear, rust and heat
- Large easy action winding drum and friction washers
- Nylon roller guides the tape smoothly in and out of case
- Folding end hook ring

Cat. No.	UPC No.	Packed	Blade Size		Blade Style	Pack Wt.		Shelf Pack	Replacement Blade	UPC No.
			Width	Length		lb	kg			
HC253	037103452016	Boxed	3/8"	50'	B7	0.93	0.42	1	-	-
HC256	037103452061	Boxed	3/8"	100'	B7	1.62	0.73	1	-	-

Challenge™

- Challenge™; Nubian® case, drum assembly and etched tape line are designed to perform for years
- Vinyl covered steel case
- Chrome Clad® blade
- Easy action winding drum and friction washers
- Nylon rollers guide the tape smoothly in and out of case
- “T” in the suffix of the number denotes a tree tape which is fitted with a special claw hook designed for anchoring in tree bark when measuring diameter; “P” in suffix denotes diameter



261PTH

Lufkin

Cat. No.	UPC No.	Packed	Blade Size		Blade Style	Pack Wt.		Shelf Pack	Replacement Blade	UPC No.
			Width	Length		lb	kg			
261PTH	037103451309	Boxed	3/8"	33'	B11	.70	.32	1	0261PTH	037103451293
263P	037103452092	Boxed	3/8"	50'	B11	.93	.42	1	--	--

Hi-Viz® Speedwinder®

- Impact-resistant, attractive, self-standing case
- Heavy duty yellow clad blade protected by an abrasion resistant coating; 0.008"/0.2mm thick
- New design extends, measures, rewinds in less time than conventional long steel tapes
- Easy-to-read bold black markings



HYT50

Cat. No.	UPC No.	Packed	Blade Size		Blade Style	Pack Wt.		Shelf Pack	Replacement Blade	UPC No.
			Width	Length		lb	kg			
HYT50	037103458155	Boxed	3/8"	50'	B1	5.4	2.45	6	-	-
HYT100	037103458162	Boxed	3/8"	100'	B1	9.3	4.22	6	-	-
HYT100D	037103460196	Boxed	3/8"	100' Engineer's	B5	9.3	4.22	6	-	-
HYT15CME	037103459411	Boxed	3/8"(10mm)	50'(15m)	B14	5.4	2.45	6	-	-
HYT30CME	037103459428	Boxed	3/8"(10mm)	100'(30m)	B14	9.3	4.22	6	-	-
HYT50CME	037103003461	Boxed	3/8"(10mm)	164'(50m)	B14	9.8	4.45	6	RHY50CME	037103461476

Banner™



HW223

- Professional tradesman's quality
- Rugged, vinyl-covered steel case
- Yellow clad tape; .008"/0.2mm thick
- Large easy action winding drum and friction washers
- Nylon rollers guide the tape smoothly in and out of case
- Available in 3/8"/10mm width and up to 164'/50m length
- Bold graduations with black and red numbers for accurate measuring
- "H" prefix denotes product blade is fitted with a folding hook ring

Cat. No.	UPC No.	Packed	Blade Size		Blade Style	Pack Wt.		Shelf Pack	Replacement Blade	UPC No.
			Width	Length		lb	kg			
HW223	037103458865	Boxed	3/8"	50'	B1	5.8	2.63	6	-	-
HW223D	037103458902	Boxed	3/8"	50'	B5	.94	.43	1	-	-
HW223ME	037103458889	Boxed	3/8"(10mm)	50'(15m)	B9	5.8	2.63	6	-	-
HW226	037103458940	Boxed	3/8"	100'	B1	10.05	4.55	6	-	-
HW226D	037103458964	Boxed	3/8"	100'	B5	1.67	.76	1	-	-
HW226ME	037103458988	Boxed	3/8"(10mm)	100'(30m)	B9	10.2	4.6	6	-	-
HW227CME	037103459039	Boxed	3/8"(10mm)	164'(50m)	B8	2.51	1.14	1	-	-

Pro Series Long Steel Tape



- 3:1 gear ratio for fast blade retrieval
- Precise, easy to read black and red blade markings
- Premium steel blade resists kinks

Cat. No.	UPC No.	Blade Size		Blade Style	Pack Wt.		Shelf Pack
		Width	Length		lb	kg	
PS100S	037103201447	3/8"	100'	B1	6.3	2.9	5

Home Shop

- Vinyl covered steel case
- Yellow clad blade
- .005" thick blade
- Large easy action winding drum with friction washers
- Fitted with a folding hook ring



HW100

Cat. No.	UPC No.	Packed	Blade Size		Blade Style	Pack Wt.		Shelf Pack	Replacement Blade	UPC No.
			Width	Length		lb	kg			
HW50	037103458827	Boxed	3/8"	50'	B1	4.65	2.07	6	OY50	037103450715
HW100	037103458841	Boxed	3/8"	100'	B1	7.75	3.52	6	OY100	037103451033

Hi-Viz® Universal Lightweight

- High impact Hi-Viz® orange polystyrene case
- Yellow clad blade .005"/0.13mm thick
- Easy wind nylon drum
- Easy-to-read black and red markings
- Hook ring is retained neatly in the contoured mouth of the case
- Removable belt clip
- All tapes are carded
- Metric-English tape measures have a 2-sided end hook for use with either scale



50

Cat. No.	UPC No.	Color	Blade Size		Blade Style	Pack Wt.		Shelf Pack	Replacement Blade	UPC No.
			Width	Length		lb	kg			
50	037103450685	Orange	3/8"	50'	B1	3.4	1.5	6	OY50	037103450715
100L	037103451002	Orange	3/8"	100'	B1	6.0	2.7	6	OY100	037103451033
HV15CME	037103089632	Orange	3/8"(10mm)	50'(15m)	B8	3.4	1.5	6	RY15CME	037103094995
HV30CME	037103089656	Orange	3/8"(10mm)	100'(30m)	B8	6.0	2.7	6	RY30CME	037103095015

Artisan® Diameter and Tree Tapes



C120TP

- Rugged, vinyl-covered steel case
- Chrome Clad® and Nubian® blade
- .008" thick blade
- Large easy winding drum and friction washers
- Nylon rollers guide the tape smoothly in and out of case
- "T" in the suffix denotes a tree tape which is fitted with a special claw hook designed for anchoring in tree bark
- "P" in number suffix denotes diameter

Cat. No.	UPC No.	Packed	Blade Size		Blade Style	Pack Wt.		Shelf Pack	Replacement Blade	UPC No.
			Width	Length		lb	kg			
120TP	037103451101	Boxed	3/8"	20'	B10	.56	.25	1	-	-
C120TP	037103451125	Boxed	3/8"	20'	B10	.56	.25	1	-	-
120P	037103451088	Boxed	3/8"	240 Inches	B12	.56	.25	1	0120P	037103451095
C106PM	037103060273	Boxed	10mm	6.5m	B15	.56	.25	1	-	-
C106TPM	037103060266	Boxed	10mm	6.5m	B15	.56	.25	1	RC106TPM	037103079749

B1 Yellow Clad



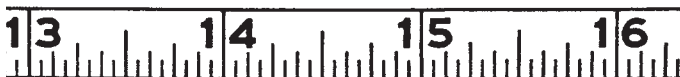
- 3/8" width only
- Yellow clad blade
- Black and red markings one side only
- Graduated feet and inches to 1/8ths with instantaneous readings; 16" centers indicated by a diamond

B2 Chrome Clad®



- 3/8" width only
- Chrome Clad® blade
- Black markings one side only
- Graduated feet and inches to 1/16ths with instantaneous readings

B3 Chrome Clad and Nubian®



- 3/8" width only
- Chrome Clad® and Nubian® blade
- Black markings one side only
- Graduated consecutive inches to 1/16ths

B4 Chrome Clad®



- 3/8" width only
- Chrome Clad® blade
- Black markings one side only
- Graduated consecutive inches to 1/10ths

B5 Chrome Clad® and Yellow Clad

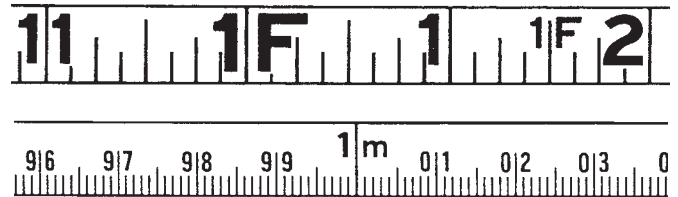
- 3/8" width only
- Chrome Clad® and yellow clad blade
- Black markings one side only
- Graduations feet to 1/10ths and 1/100ths

**B7 Chrome Clad® and Nickel Clad**

- 3/8" width only
- Chrome Clad®, nickel clad and yellow clad blade
- Black markings one side only
- Graduated feet and inches to 1/8ths with instantaneous readings; 16" centers indicated by diamond

**B8 Yellow Clad**

- 3/8" width only
- Yellow clad blade
- Black and red markings both sides
- Bottom side graduated millimeters, numbered in centimeters and meters
- Top side graduated feet and inches to 1/8ths with instantaneous readings; 16" centers indicated by a diamond

**B9 Yellow Clad**

- 3/8"/10mm width only
- Yellow clad blade
- Black and red markings both sides
- One side graduated feet and inches to 1/8ths with instantaneous readings; other side graduated in consecutive millimeters with instantaneous meter numbers at every 100mm

**B10 Nubian® and Chrome Clad®**

- 3/8" width only
- Nubian® and Chrome Clad® blade
- Markings both sides
- One side graduated 1/10ths and 1/100ths of feet; other side diameter feet and 1/10ths of inches

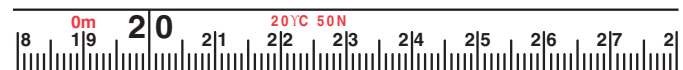


B11 Nubian®

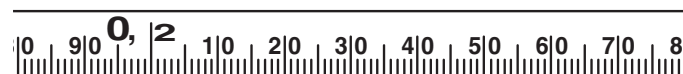
- 3/8" width only
- Nubian® blade
- Markings both sides
- Graduated feet, inches and 1/8ths one side; other side graduated diameter feet and inches with an extra diameter inch subdivided to 64ths left hand

B12 Nubian®

- 3/8" width only
- Nubian® blade
- Markings both sides
- Graduated consecutive inches to 1/16ths one side; other side to diameter inches, with an extra diameter inch subdivided to 64ths left hand

B14 Yellow Clad and Chrome Clad®

- 3/8" width
- Yellow clad and Chrome Clad® blade
- Black and red markings both sides
- Front side graduated in feet and inches to 1/8ths; back side in meters and millimeters numbered in centimeters

B15 Chrome Clad®

- 10mm width
- Yellow clad and Chrome Clad® blade
- Marked both sides
- One side meters, decimeters and millimeters; other side reads diameter from circumference to 2m of diameter in millimeters

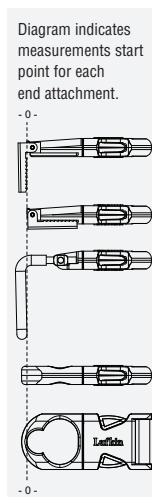
General Information

- Designed for rugged field use by the surveyor, engineer or contractor
- More accurate than tolerances established by the National Bureau of Standards when fully supported with standard tension of 4.5lbs.
- Tape stretches 0.0011"/ foot per additional pound of tension over 4.5lbs.
- Durable, waterproof and able to withstand breakage and abrasion under extreme conditions
- Non-conductive construction material allows safe use around electrical hazards

Lufkin

Pro Series Fiberglass Tapes

- 60 strand fiberglass encased in two layers of PVC for extra durability
- Two color, two sided blade includes fractional and decimal graduations
- 3:1 rewind
- Dual material grip on handle and side of cross bars, for added comfort
- Rotating mouthpiece, reduces strain on the blade, and maintains blade alignment as it extends and retracts
- Includes 3 interchangeable end attachments, snap fit lock mechanism, for quick changes in the field
 - Standard folding, two position end hook for inside and outside readings
 - appraiser's hook, grips on large items such as downspouts and concrete (for estimation)
 - ring attachment, fits on stake (included) for one person measurements
- Integrated storage in handle, with sliding latch closure, to hold all 3 end attachments



Cat. No.	UPC No.	Blade Size		Blade Style	Pack Wt.		Case Pack
		Width	Length		lb	kg	
PSFE100	037103224811	3/4"	100'	C11	6.6	3.0	2
PSFE200	037103224828	3/4"	200'	C11	9.3	4.2	2
PSFE300	037103224804	3/4"	300'	C11	11.3	5.1	2
PSFM030CME	037103233981	3/4"	30m/100'	C12	6.6	3.0	2
PSFM060CME	037103233998	3/4"	60m/200'	C12	9.3	4.2	2
PSFM100CME	037103234001	3/4"	100m/328'	C12	14.5	6.6	2



Replacement end attachment Kit

Includes all 3 end attachments

Cat. No.	UPC No.	Pack Wt.		Shelf Pack
		lb	kg	
PSFE3PCKIT	037103231635	0.2	0.1	3

Fiberglass Tapes



FE100

- Cushion grip, extra wide for added comfort
- Positioning spike shows measurement start point
- Two position end hook for inside/outside readings
- End hook teeth bite into wood, resists loosening

Cat. No.	UPC No.	Blade Size		Blade Style	Pack Wt.		Case Pack
		Width	Length		lb	kg	
FE050	037103224033	1/2"	50'	C1	10.0	4.5	6
FE050D	037103224040	1/2"	50'	C1	10.0	4.5	6
FE100	037103224057	1/2"	100'	C1	11.6	5.3	6
FE100D	037103224026	1/2"	100'	C2	11.6	5.3	6
FE150	037103224071	1/2"	150'	C1	4.6	2.1	2
FE150D	037103224088	1/2"	150'	C2	4.6	2.1	2
FE200	037103224095	1/2"	200'	C1	6.7	3.0	2
FE200D	037103224064	1/2"	200'	C2	6.7	3.0	2
FE300	037103224118	1/2"	300'	C1	7.1	3.2	2
FE300D	037103224125	1/2"	300'	C2	7.1	3.2	2
FM015CME	037103224132	13mm (1/2")	15M (50')	C4	10.0	4.5	6
FM030CM	037103224101	13mm	30m	C3	11.6	5.3	6
FM030CME	037103224156	13mm (1/2")	30m (100')	C4	11.6	5.3	6
FM030DM	037103224163	13mm (1/2")	30m (100')	C7	11.6	5.3	6
FM050CM	037103224170	13mm	50m	C3	6.2	2.8	2
FM050CME	037103224149	13mm (1/2")	50m (150')	C4	6.2	2.8	2
FM060CME	037103224194	13mm (1/2")	60m (200')	C4	7.1	3.2	2
FM100CME	037103224187	13mm (1/2")	100m (328')	C4	8.2	3.7	2

C1 Yellow Clad

- 1/2" width only
- Yellow clad blade
- Black and red markings one side only
- Graduated feet and inches to 1/8ths; numbered with feet and instantaneous foot markings in red and inches in black



C2 Yellow Clad

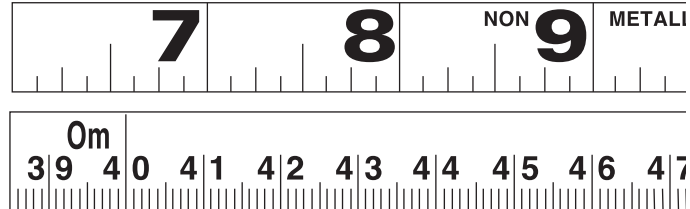
- 1/2" width only
- Yellow clad blade
- Black and red markings one side only
- Graduated feet to 1/10ths and 1/100ths; numbered with feet in red and 1/10ths of feet in black



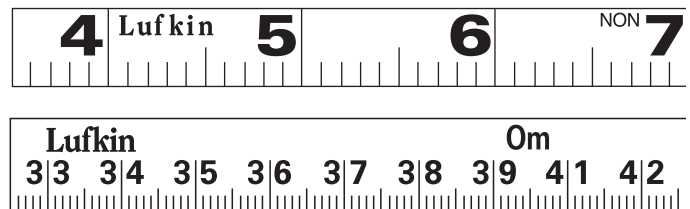
- 13mm width only
- Yellow clad blade
- Black and red markings one side only
- Graduated millimeters, numbered at each centimeter with red instantaneous meter number

C3 Yellow Clad

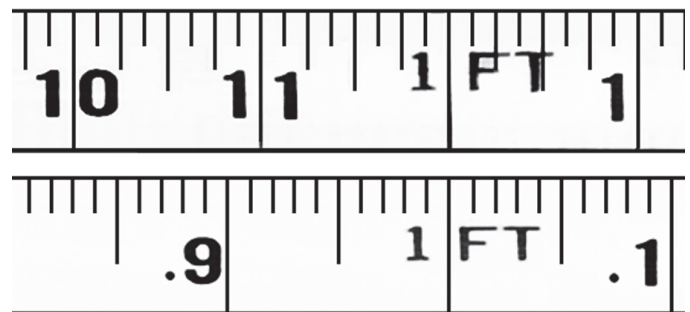
- 1/2"/13mm width only
- Yellow clad blade
- Black and red markings on both sides
- Two-sided tapeline; top side in feet, inches, and 1/8ths, numbered at each foot with red instantaneous foot numbers; bottom side graduated in millimeters, numbered centimeters with red instantaneous meter number

C4 Yellow Clad

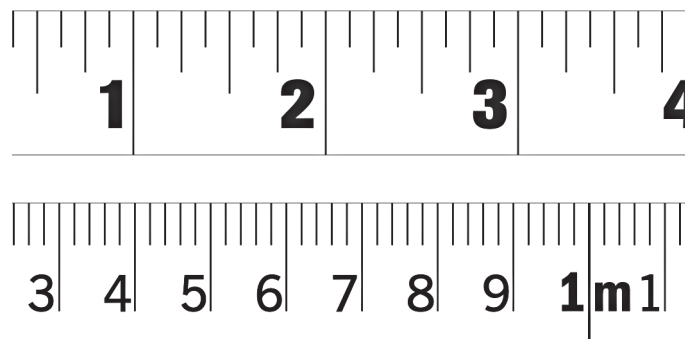
- 1/2"/13mm width only
- Yellow clad blade
- Black and red markings on both sides
- Two-sided tapeline; bottom side in metric, graduated in millimeters, numbered in centimeters, with red instantaneous meter number; top side graduated feet to 1/10ths and 1/100ths, numbered with feet in red and 10ths of feet in blade

C7 Yellow Clad

- 3/4" width only
- White on top, yellow on bottom
- Black and red markings both sides
- Two-sided tapeline; top side feet and inches, graduated to 8ths; bottom decimal feet

C11 Yellow Clad and White Clad

- 3/4" width only
- White on top, yellow on bottom
- Black and red markings both sides
- Two-sided tapeline; top side graduated in millimeters, numbered centimeters with meters, bottom in feet and inches

C12 Yellow Clad and White Clad

Hi Line Tapes



- Synthetic Fiber blade is non-conductive
- Steel case with vinyl covering
- 50 and 100ft, feet and tenths and 100ths of feet
- Ring or hook attached on end

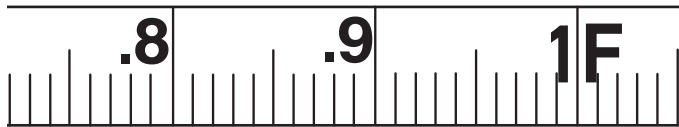
Cat. No.	UPC No.	Blade Size		Blade Style	Pack Wt.		Shelf Pack
		Width	Length		lb	kg	
HD403	037103202369	5/8"	50'	C5	12.0	5.4	12
HD403D	037103202352	5/8"	50'	C6	12.0	5.4	12
HD406	037103202338	5/8"	100'	C5	16.8	7.6	12
HD406D	037103202321	5/8"	100'	C6	16.8	7.6	12
HDH406	037103202376	5/8"	100'	C5	16.8	7.6	12
HDH406D	037103202383	5/8"	100'	C6	16.8	7.6	12

C5 White Clad



- White clad blade
- 5/8" width
- Black and red markings one side only
- Graduated feet and inches to 1/8ths, red feet numbers and black inch numbers

C6 White Clad



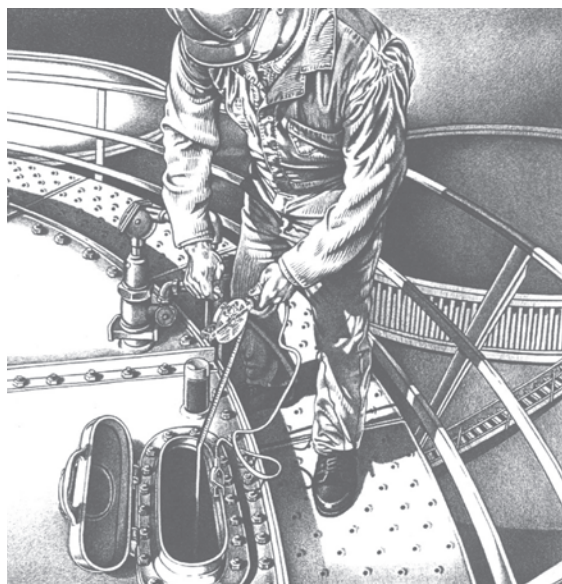
- White clad blade
- 5/8" width
- Black and red markings one side only
- Graduated feet to 1/10ths and 1/100ths, red feet numbers and black tenths of feet numbers

Oil Gauging

- Chrome Clad® for dark (heavy oils)
- Nubian® for light (clear oils)
- "Double Duty" oil gauging tapes with both Chrome Clad® and Nubian® (black) for dark (heavy) and light (clear) oils
- Made of heavy gauge 1/2" (13mm) x .012" (0.3mm) steel
- Snap-swivel hook on front end of tape for a plumb bob
- Two arm frames for shorter lengths; four arm frames for 30m/100' and greater
- Large drums and winding handles for quick and easy rewinding
- Handle folds over for storage and to lock line at extended position

Plumb bobs are not supplied with tapes. The last part of the catalog number denotes the style of the bob the tape is made to accept. Lufkin oil gauging tapes and plumb bobs are manufactured to meet the applicable specifications outlined in the National Institute of Standards and Technology Handbook 44, 2011 Edition, Section 5.52. Manufacturing tolerances for final measurement comply with API MPMS Second Edition, August 2005, Chapter 3, Section 1A, Appendix 1.2.

1. Never gauge a tank during an electrical storm.
2. Ground yourself and your tools by touching the tank ladder before climbing the ladder. Do not wear gloves when grounding yourself. Gloves prevent proper grounding.
3. Ground yourself before opening the gauging hatch by touching the handrail or platform (without gloves on). During and after removal of the gauging cover, stand so that the gas will not be inhaled. Wear a gas mask if toxic gases are present.
4. Always maintain contact between the gauging tape and the edge of the hatch from the moment the gauge bob enters the hatch until the gauge bob is removed from the hatch.



Lufkin

Atlas® Chrome Clad® / Nubian® Double Duty

- Black markings bonded to steel and recessed beneath multiple layers of nickel and chrome electroplating provides greater resistance to wear and corrosion
- All tapes read right to left
- Heavy-duty frame designed for years of rugged use
- All frames include a grounding strap
- Plumb bob must be ordered separately



Cat. No.	Bob Cut	UPC No.	Packed	Blade Size Width	Blade Size Length	Blade Style	Pack Wt. lb	Pack Wt. kg	Shelf Pack	Replacement Blade	UPC No.
CN129012SF590	590	037103459527	Boxed	1/2"	18'	D1	1.25	.57	1	OCN129012SF590	037103459633
CN1290SF590	590	037103459534	Boxed	1/2"	25'	D1	1.51	.68	1	OCN1290SF590	037103459640
CN1290SMEF590	590	037103001696	Boxed	1/2" (13mm)	25' (8m)	D3	1.51	.68	1	-	-
CN1291SF590	590	037103459541	Boxed	1/2"	33'	D1	1.65	.75	1	OCN1291SF590	037103459657
CN1293SF58712	5871/2	037103459763	Boxed	1/2"	50'	D1	2.07	.94	1	-	-
CN1293SF590	590	037103459558	Boxed	1/2"	50'	D1	2.07	.94	1	OCN1293SF590	037103459664
CN1293SDF590	590	037103459596	Boxed	1/2"	50'	D2	2.07	.94	1	-	-
CN1293SMEF590	590	37103459602	Boxed	1/2" (13mm)	50' (15m)	D3	2.07	.94	1	OCN1293SMEF590	037103459718
CN1294SF58712	5871/2	037103459770	Boxed	1/2"	66'	D1	2.38	1.08	1	-	-
CN1294SF590	590	037103459565	Boxed	1/2"	66'	D1	2.38	1.08	1	OCN1294SF590	037103459671
CN1294SMEF590	590	037103459619	Boxed	1/2" (13mm)	66' (20m)	D3	2.38	1.08	1	OCN1294SMEF590	037103459725
CN1295SF590	590	037103459572	Boxed	1/2"	75'	D1	2.57	1.17	1	OCN1295SF590	037103459688
CN1295SMEF58712	5871/2	037103440815	Boxed	1/2" (13mm)	75' (23m)	D3	2.57	1.17	1	-	-
CN1295SMEF590	590	037103122124	Boxed	1/2" (13mm)	75' (23m)	D3	2.88	1.31	1	OCN1295SME590	037103122117
CN1296SF590	590	037103459589	Boxed	1/2"	100'	D1	3.4	1.54	1	OCN1296SF590	037103459695
CN1296SMEF590	590	037103459626	Boxed	1/2" (13mm)	100' (30m)	D3	3.46	1.57	1	OCN1296SMEF590	037103459732
CN1298SMEF590	590	037103104243	Boxed	1/2" (13mm)	125' (38m)	D3	3.89	1.76	1	-	-

Atlas® Chrome Clad®



- Black markings bonded to steel and recessed beneath multiple layers of nickel and chrome electroplating provides greater resistance to wear and corrosion
- All tapes read right to left
- Heavy-duty frame designed for years of rugged use
- All frames include a grounding strap
- Plumb bob must be ordered separately

Cat. No.	Bob Cut	UPC No.	Packed	Blade Size		Blade Style	Pack Wt.		Shelf Pack	Replacement Blade	UPC No.
				Width	Length		lb	kg			
C12901/2SF590	590	037103454065	Boxed	1/2"	18'	D4	1.35	.61	1	OC12901 / 2SF590	037103454072
C1290SF590	590	037103454102	Boxed	1/2"	25'	D4	1.51	.68	1	OC1290SF590	037103454119
C1291SF590	590	037103454140	Boxed	1/2"	33'	D4	1.65	.75	1	OC1291SF590	037103454157
C1293SF590	590	037103454256	Boxed	1/2"	50'	D4	2.07	.94	1	OC1293SF590	037103454263
C2910MME590GM	590GM	037103063373	Boxed	1/2"(13mm)	33'(10m)	D6	1.65	.75	1	OC2910MME590GM	037103046772
C2915MME590GM	590GM	037103091406	Boxed	1/2"(13mm)	50'(15m)	D6	2.07	.94	1	-	-
C2920MME590GM	590GM	037103003386	Boxed	1/2"(13mm)	66'(20m)	D6	2.38	1.08	1	-	-
C2930MME590GM	590GM	037103089236	Boxed	1/2"(13mm)	100'(30m)	D6	3.45	1.56	1	-	-
C2920MME150MM	150MM	037103047168	Boxed	1/2"(13mm)	66'(20m)	D6	2.38	1.08	1	-	-

Atlas® Nubian®



- Ideal for gauging clear oils
- Etched background
- Blade protected by flowed-on epoxy coating
- Raised bright steel markings are clearly legible
- All tapes read right to left
- Heavy-duty frame designed for years of rugged use
- All frames include a grounding strap
- Plumb bob must be ordered separately

Cat. No.	Bob Cut	UPC No.	Packed	Blade Size		Blade Style	Pack Wt.		Shelf Pack	Replacement Blade	UPC No.
				Width	Length		lb	kg			
1290SF590	590	037103454089	Boxed	1/2"	25'	D5	1.51	.68	1	O1290SF590	037103454096
1291SM590	590	037103441669	Boxed	(13mm)	(10m)	D7	1.65	.75	1	-	-
1293SF590	590	037103454201	Boxed	1/2"	50'	D5	2.07	.94	1	O1293SF590	037103454218
1293SM590	590	037103441676	Boxed	(13mm)	(15m)	D7	2.07	.94	1	-	-

Atlas® Stainless Steel

- Designed for use in highly corrosive solutions
- Stainless steel blade resists corrosion
- Heavy-duty frame designed for years of rugged use
- All frames include a grounding strap
- Plumb bob must be ordered separately

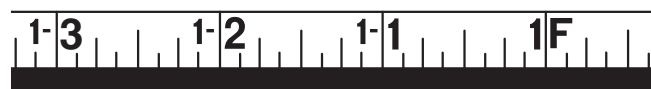


Lufkin

Cat. No.	Bob Cut	UPC No.	Packed	Blade Size Width	Blade Size Length	Blade Style	Pack Wt. lb	Pack Wt. kg	Shelf Pack	Replacement Blade	UPC No.
S1291F590	590	037103440839	Boxed	1/2"	33'	D4	1.65	.75	1	OS1291F590	037103440846
S1293F590	590	037103456823	Boxed	1/2"	50'	D4	1.73	.78	1	OS1293F590	037103454287

D1 Chrome Clad® and Nubian®

- 1/2" width only
- Markings one side only
- Graduated instantaneous feet and inches to 1/8ths



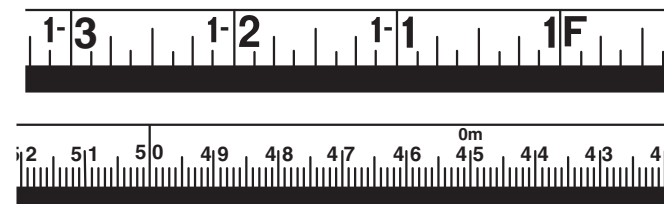
D2 Chrome Clad® and Nubian®

- 1/2" width only
- Markings one side only
- Graduated in feet to 1/10ths and 1/100ths of an foot; reads right to left



D3 Chrome Clad® and Nubian®

- 1/2"/13mm width only
- Markings both sides
- Graduated in millimeters on one side; other side instantaneous feet and inches to 1/8ths



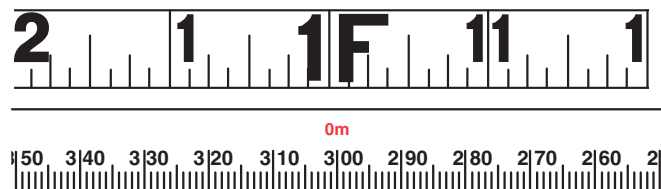
D4 Chrome Clad®, and Stainless Steel

- 1/2" width only
- Markings one side only
- Graduated feet and inches to 1/8ths; instantaneous foot readings



D5 Nubian®

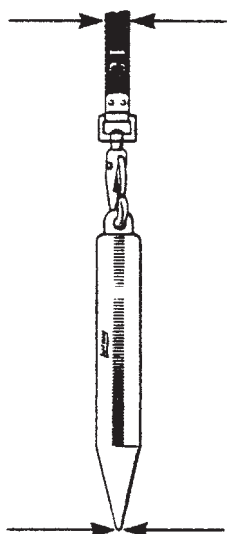
- 1/2" width only
- Nubian® blade
- Markings one side only
- Graduated feet and inches to 1/8ths; instantaneous foot readings

D6 Chrome Clad®

- 1/2"/13mm width
- Chrome Clad® blade
- Black and red markings on metric side
- Metric - graduated meters to millimeters; numbered right to left in meters and millimeters
- English side - graduated feet and inches to 1/8ths; numbered right to left

D7 Nubian®

- 1/2" width only
- Nubian® blade
- Graduated in meters; numbered in millimeters

Oil Gauging

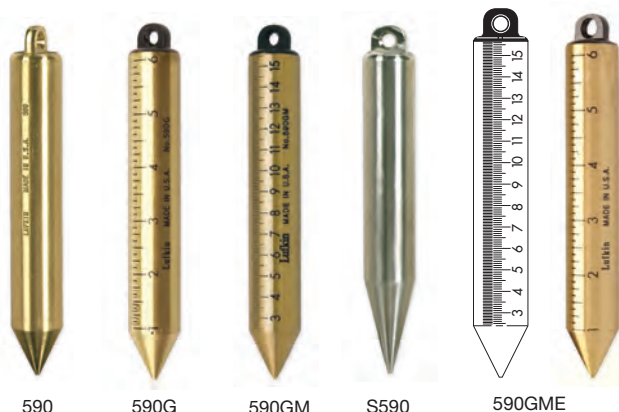
It takes more than a quality gauging tape, it takes a smart user. Every time you use a Lufkin oil gauging tape, follow proper grounding techniques. Ground your body. Ground your gear. And always use a grounding strap. Lufkin oil gauging tapes come complete with a grounding strap and an ESD handle, and are in full compliance with all current and proposed American Petroleum Institute standards. Achieve a solid ground every time. Use Lufkin oil gauging tapes, and follow proper grounding procedures.

How to Measure an Inage Plumb Bob

Tapes cut and fitted with the swivel snap to be used with the 588 and 590 plumb-bobs are known as inage gauging tapes. When the plumb bobs are assembled to the swivel snap the zero point is at the bottom of the plumb bob. When being used, the plumb bob and tape are lowered until the bob contacts the bottom of the tank. When the tape is reeled in, the liquid line is read on the tape line itself, thereby showing you the contents of the tank.

Inage Oil Gauging Plumb Bobs

- For use in heavy oils
- 20-ounce, except for 588 (6oz.)
- Cylindrical shaped
- Tapered point tip
- Solid brass or stainless steel bob



Cat. No.	UPC No.	Description	Shelf Pack
590	037103453204	20oz. solid brass inage Plumb bob cylindrical shape, 1" x 6 3/4"	1
590G	037103453235	20oz. solid brass bob; graduated in inches to 1/8ths, reading upward; blunt point	1
590GM	037103453242	20oz. solid brass bob; graduated millimeters with centimeters numbered	1
590GME	037103442895	20oz. solid brass bob; graduated in inches to 1/8ths, reading upward	1
S590	037103460134	20oz. cylindrical shape stainless steel bob, 1" x 6 3/4"	1

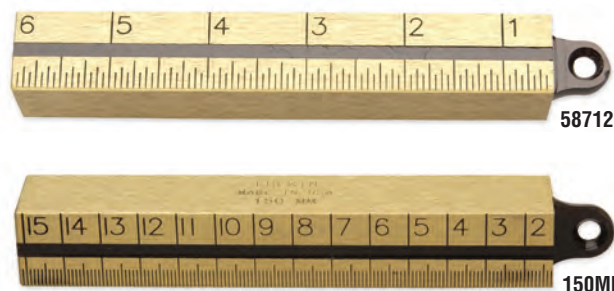
How To Measure With an Outage Plumb Bob

Tapes which have the swivel snap fitted so as to accommodate the 5871/2 plumb bob are known as outage tapes. When the 5871/2 plumb bob is assembled to the tape line the zero point is at the intersection of the swivel snap and the plumb bob. When using outage gauging tapes the tape is lowered into the tank until the plumb bob just penetrates the liquid. The tape is then rewound and the liquid level is read right off the plumb bob. The reading on the plumb bob is added to the tape reading giving the total outage (how much liquid has been removed from the tank).



Outage Oil Gauging Plumb Bob

- 20oz., square shaped solid brass bob
- Eye milled from solid brass block (not removable)
- 7/8"/22mm square, 6"/152mm overall length
- Graduated in inches to 1/16ths, or metric top to bottom, zero falls inside top of hook eye



Cat. No.	UPC No.	Description	Shelf Pack
58712	037103453181	20oz. solid brass outage plumb bob	12
150MM	037103105875	570g. brass outage plumb bob	12

Steel Tape Line Accuracy

Lufkin® steel tapes are made to government standards. Our bench standards for the United States are certified accurate by the United States Department of Commerce, N.I.S.T. Tapes for Canada are made to Canadian government standards.

Temperature standard for steel tapes is 68°F, which equals 20°C. Coefficient of expansion of steel tapes is 0.00000645' per degree F; 0.0000116' per degree C. This amounts to 0.000645' or 0.00774" per degree F. on a 100' tape, and one-half as much on a 50' tape. As a figure that is reasonably accurate and also easy to handle, it is customary on very long runs of pipe to allow 1/10" per 100' for each 10° change.



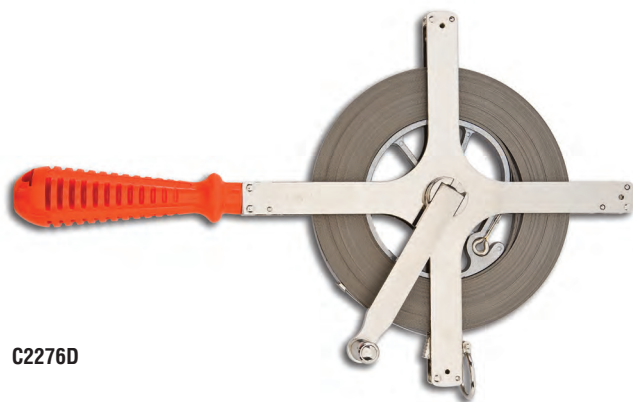
The above illustration shows, for a 100' tape, the actual length variations of temperature within the range of 20° below to 120° above zero °F. The terminal graduation on the lower edge is at 68°, this being standard temperature. Standard tension for steel tapes 25 to 100' long (10 to 30m) supported entire length on a horizontal, flat surface, is 10 pounds (4.5 kg.); for all tapes over 100', 20lbs., (9kg.). For steel tapes suspended horizontally and supported only at ends, there can be no set or standard tension for accuracy because of weight and other variations.

The following listings are averages of many tests made by the N.I.S.T. of Lufkin® steel tapes supported throughout and supported ends only. These averages are taken from the experience of tests and should be used as a working basis only, and not to replace the test of any individual tape. All tape lengths are 100'.

Width tape inches	Kind of tape	Tension of accuracy thru-out in lbs.	Supported ends only in lbs.
1/4	Chain tapes	10	24
1/4	Engineer's (.012") tapes	10	18
1/4	Engineer's Extra Heavy Tapes	10	24
3/8 & 1/2	Standard Weight Tapes	10	18

NOTE: Temperature and tension need to be taken into account only on precise work. We recommend a government test of tapes to be used for such work or for use as master standard. The N.I.S.T. and Lufkin® have a charge for this test.

Derrick



C2276D

- Chrome Clad® blade
- Nominal blade thickness .019"
- Extra large winding drum provides rapid line recovery and permits tape line to be easily detached from reel
- Special hook ring with ribbed face at zero
- Leather thong is provided to use through eye at rear when tape is removed from reel

Cat. No.	UPC no. 037103	Packed	Blade Size Width	Blade Size Length	Blade Style	Pack Wt. lb	Pack Wt. kg	Shelf Pack	Repl. Blade	UPC No. 037103	Repl. reel	UPC No. 037103
C2276D	454713	Boxed	1/4"	100'	E1	2.87	1.3	1	OC2276D	454720	-	-
C2276ME	454737	Boxed	1/4"(6mm)	100'(30m)	E2	2.87	1.3	1	OC2276ME	454744	-	-
CD2730DMM	063700	Boxed	6mm	30m	E12	2.87	1.3	1	OCD2730DMM	063717	-	-
CD2750MME	063687	Boxed	1/4"(6mm)	164'(50m)	E13	3.29	1.49	1	-	-	12200	450340

Pro Series Ny-Clad® Steel Tapes

- Durable nylon coating on blade resists wear under extreme conditions
- Super fast 3-to-1 blade retraction saves time in the field
- Hi-Viz® orange case is easy to find on the job site
- Steel blade will not stretch under normal use

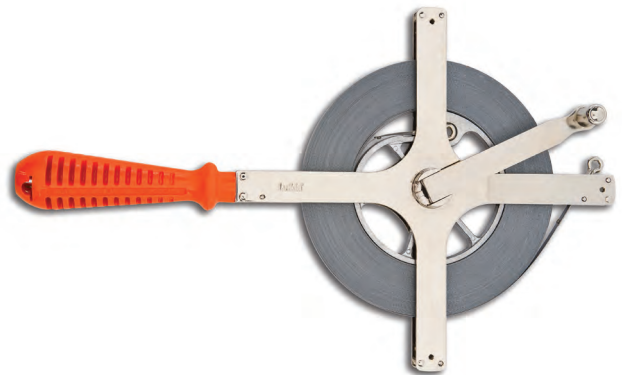


PS1806

Cat. No.	UPC No.	Blade Size		Blade Style	Pack Wt.		Shelf Pack
		Width	Length		lb	kg	
PS1806N	037103236876	1/2"	100'	E4	8.4	3.8	4
PS1806DN	037103236883	1/2"	100'	E5	8.4	3.8	4
PS1808N	037103236890	1/2"	200'	E4	6.8	3.1	2
PS1808DN	037103236906	1/2"	200'	E5	6.8	3.1	2
PS1809DN	037103236913	1/2"	300'	E5	6.8	3.1	2

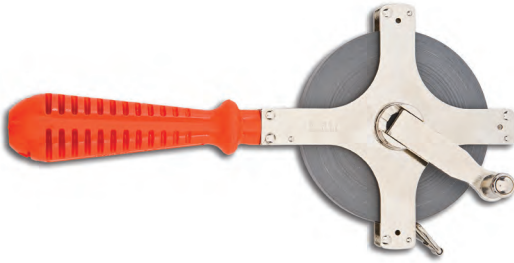
Western®

- Chrome Clad® or Yellow clad blade
- Blade is 1/4"/6mm wide and 0.019"/0.5mm thick
- Blank space at each end
- Turning handle locks line at any position
- Reel is nickel-plated, 4-arm with rollers in each arm for smooth winding
- Oversize drum with long, one-piece winding handle for quick return of line
- Riveted clips for holding thongs
- A pair of 580T thongs and a 579 Engineer's conversion rule are furnished with each tape or replacement line
- To order reel No.12-150 specify C1676D
- Y1676D is yellow clad, thickness .016"



Cat. No.	UPC no. 037103		Blade Size		Blade Style	Pack Wt.		Shelf Pack	Repl. Blade	UPC No. 037103	Repl. reel	UPC No. 037103
	Packed		Width	Length		lb	kg					
C1676D	454584	Boxed	1/4"	100'	E1	2.83	1.28	1	-	-	-	-
Y1676D	459435	Boxed	1/4"	100'	E1	2.50	1.13	1	-	-	11100 or 31100	450272 450517

Chrome Clad®



- Chrome Clad® blade 3/8"/10mm wide and .008"/.2mm thick
- Long, easy-action winding handle that locks line in any position
- Reel is nickel plated, 4-arm frame with rollers in each arm for smooth winding
- Instantaneous reading
- Zero falls at outer end of ring
- Reel available separately

Cat. No.	UPC No. 037103	Packed	Blade Size		Blade Style	Pack Wt.		Shelf Pack	Repl. Blade	UPC No. 037103
			Width	Length		lb	kg			
C1286	454003	Boxed	3/8"	100'	E3	2.07	.94	1	-	-
C1286D	454027	Boxed	3/8"	100'	E1	2.07	.94	1	OC1286D	454034
C1288	454041	Boxed	3/8"	200'	E3	3.34	1.52	1	OC1288	454058
C1288BLK	124128	Boxed	3/8"	200'	E3	3.34	1.52	1	-	-

Peerless



- Designed for engineers and surveyors who prefer a 4-arm reel
- Chrome Clad® or yellow clad blade
- Blade 1/4"/6mm wide and .016"/0.4mm thick
- Subdivided line removes easily from reel
- Long, easy-action winding handle that locks line in any position
- Reel is nickel plated, 4-arm frame with rollers in each arm for smooth winding
- Open design construction aids in drying line and clearing out dirt
- A pair of 580 finger rings and a 579 engineer's conversion rule are furnished with tape or replacement line
- Reel available separately

Cat. No.	UPC No. 037103	Packed	Blade Size		Blade Style	Pack Wt.		Shelf Pack	Repl. Blade	UPC No. 037103	Repl. reel	UPC No. 037103
			Width	Length		lb	kg					
C1276	453822	Boxed	1/4"	100'	E3	2.33	1.06	1	OC1276	453839	11100 or 31100	450272 or 450517
C1278	453860	Boxed	1/4"	200'	E3	3.66	1.66	1	OC1278	453877	11200	450289
C1276D	453846	Boxed	1/4"	100'	E1	2.33	1.06	1	OC1276D	453853	11100	450272
C1278D	453884	Boxed	1/4"	200'	E1	3.66	1.66	1	OC1278D	453891	11200	450289
C2730MM	060297	Boxed	6mm	30m	E11	2.33	1.06	1	-	-	11100	450272
C2730DMM	060204	Boxed	1/4"/6mm	100'/30m	E12	2.33	1.06	1	OC2730DMM	063755	11100	450272
C2730MME	060280	Boxed	1/4"/6mm	100'/30m	E13	2.33	1.06	1	-	-	11100	450272
-	-	-	6mm	50m	-	-	-	-	-	-	11200	450289
C2750DMM	060181	Boxed	1/4"/6mm	164'/50m	E12	3.29	1.49	1	-	-	11200	450289
C2750MME	001351	Boxed	1/4"/6mm	164'/50m	E13	3.29	1.49	1	-	-	11200	450289
Y1276	457790	Boxed	1/4"	100'	E3	2.03	.92	1	-	-	11100 or 31100	450272 or 450517
Y1278	457837	Boxed	1/4"	200'	E3	3.03	1.37	1	RY1278	457851	11200	450289
Y1279	457875	Boxed	1/4"	300'	E3	4.02	1.82	1	RY1279	457899	-	-
Y1276D	457806	Boxed	1/4"	100'	E1	2.03	.92	1	RY1276D	457820	11100 or 31100	450272 or 450517
Y1278D	457844	Boxed	1/4"	200'	E1	3.03	1.37	1	RY1278D	457868	11200	450289
Y1279D	457882	Boxed	1/4"	300'	E1	4.02	1.82	1	-	-	-	-

E1 Chrome-Clad® and Yellow Clad

- 1/4" and 3/8" widths
- Chrome Clad® and yellow clad blade
- Markings on one side only
- Graduated to feet, 1/10ths and 1/100ths with a blank space at last end

**E2 Chrome Clad®**

- 1/4"/6mm width only
- Chrome Clad® blade
- Markings on both sides
- Graduated millimeters one side
- Graduated feet, inches and 1/8ths other side

**E3 Chrome Clad® and Yellow Clad**

- 1/4" and 3/8" widths
- Chrome Clad® blade
- Yellow clad available in 1/4" only
- Black markings one side only
- Graduated feet and inches to 1/8ths with instantaneous readings
- 16" centers indicated by a diamond symbol on 3/8" width only

**E4 Ny-Clad® Yellow**

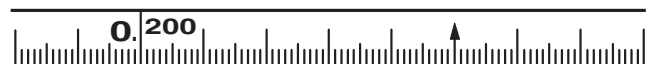
- 1/2" width only
- Nylon-clad yellow blade
- Black and red markings one side only
- Graduated feet and inches to 1/8ths with instantaneous readings
- Numbered with feet and instantaneous foot markings in red and inches in black

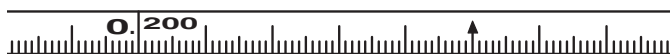
**E5 Ny-Clad® Yellow**

- 1/2" width only
- Nylon-clad yellow blade
- Black and red markings one side only
- Graduated feet to 1/10ths and 1/100ths
- Numbered with feet in red and 1/10ths in black

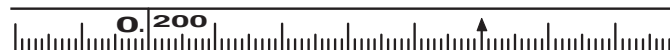
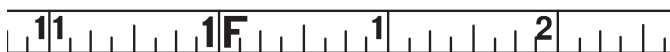
**E11 Chrome Clad®**

- 6mm width
- Black and red markings one side only
- Graduated meters to millimeters
- Red meter numbers and black millimeter numbers at each decimeter



E12 Chrome Clad®

- 1/4" width
- Black and red markings one side; black markings other side
- Graduated meters to millimeters one side
- Red meter numbers and black millimeter numbers at each decimeter
- Graduated feet to 1/10ths and 1/100ths other side
- Numbered feet and 1/10ths black markings only

E13 Chrome Clad®

- 1/4" width
- Black and red markings both sides
- Graduated meters to millimeters one side
- Red meter numbers and black millimeter numbers at each decimeter
- Graduated feet and inches to 1/8ths other side with red feet numbers and black inch numbers

Engineering and Surveying Tapes

- Ideal for engineers and surveyors to precisely measure route surveys, highways and railways, mining and survey work
- Heavy gauge thick steel tape
- Raised markings against a hard chrome or black background
- Protected by abrasion resistant coating to provide long life under adverse conditions
- Heavy gauge clip ends on each tape and refill attach to reel or tensioning device
- Tapes include two leather thongs and a correction scale (Celsius for Metric tapes, Fahrenheit for English tapes)
- Different reel choices available for each style of tape
- Reel descriptions on pages 97 - 98
- Please order reels separately

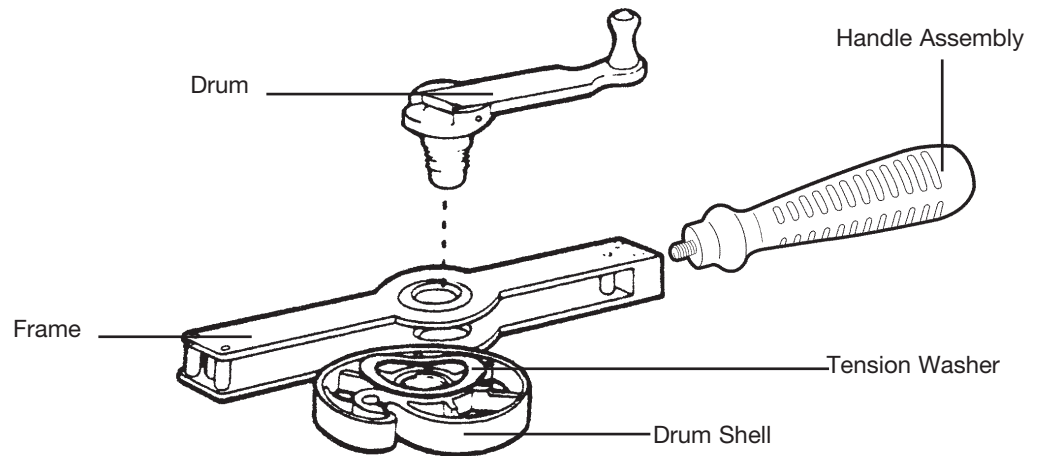
Super Hi-Way® Nubian®

- Nominal thickness .017"
- Easy-to-read raised graduations
- Railroad half-gauge mark 2', 4 1/2" from zero except on metric tapes
- 09100B, 09200B and 09300B: Lines have a blank space at each end. Extra foot before zero is graduated right to left to 1/10ths and 1/100ths. Balance is marked every foot except last foot of each 100' length, which is in 100ths of feet

Cat. No.	UPC No.	Packed	Blade Size		Line wt.		Shelf Pack	Reqd. Reel	UPC No.
			Width	Length	lbkg	kg			
09100B	037103455437	Boxed	5/16"	100'	2.27	1.02	1	31100	037103450517
09200B	037103455468	Boxed	5/16"	200'	3.93	1.78	1	31200	037103450531
09300B	037103455598	Boxed	5/16"	300'	5.8	2.63	1	31300	037103450548

81 & 91 Series Reels

For 3/8"/10mm and 1/2"/13mm Widths -
Chrome Clad® and Gauging Tapes

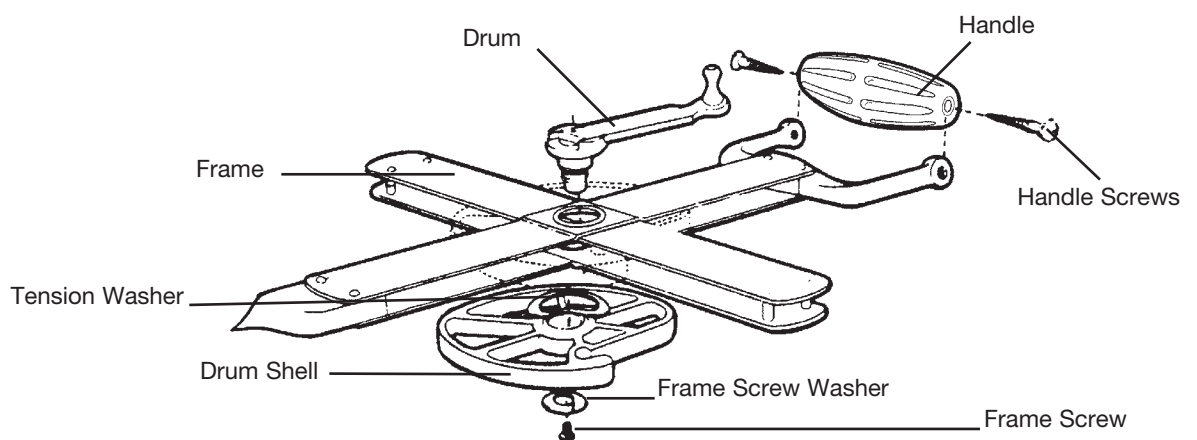


Not all replacement parts sold separately.

Tape Width	Tape Length	Frame Type	Reel Cat.No.	Reel UPC 037103	Pack Wt. lb	Pack Wt. kg	Shelf Pack
1/2"	50'	2 Arm	9150L	450968	1.0	.46	1

31 Series Reel

For over 100' lengths

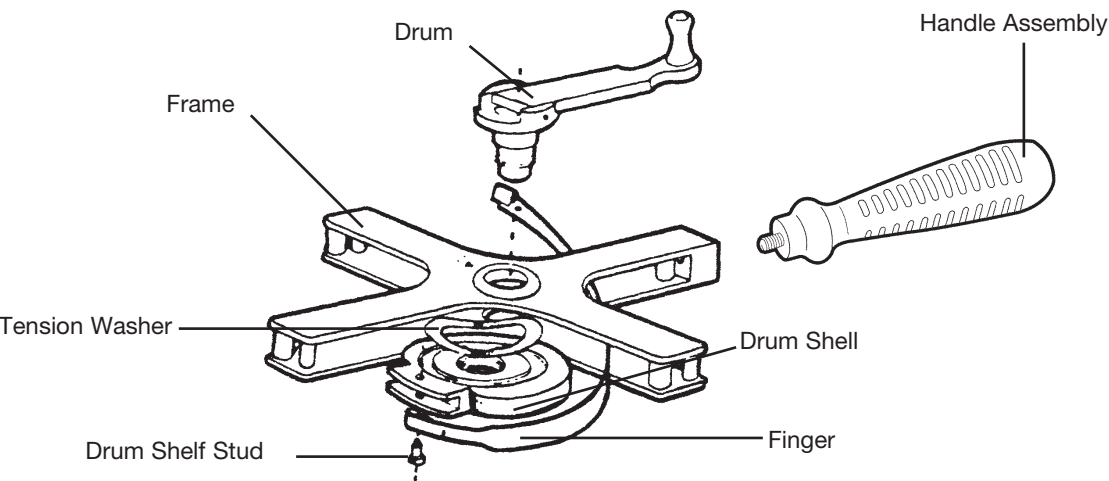


Not all replacement parts sold separately.

Tape Width	Tape Length	Frame Type	Reel Cat.No.	Reel UPC 037103	Pack Wt. lb	Pack Wt. kg	Shelf Pack
5/16"	200'	4 Arm	31200	450531	3.3	1.5	1
5/16"	300'	4 Arm	31300	450548	3.8	1.7	1

11 Series Reel

For 1/4"/6mm wide - 100' and 200' lengths.
Fits Peerless Chrome Clad® Tapes



Not all replacement parts sold separately.

Tape Width	Tape Length	Frame Type	Reel Cat.No.	Reel UPC 037103	Pack Wt.		Shelf Pack
					lb	kg	
1/4"	100'	4 Arm	11100	450272	1.25	.58	1
1/4"	200'	4 Arm	11200	450289	1.60	.72	1

Detachable Hook



- Easily attaches and detaches from standard ring tape line to let one man take measurements unassisted
- Heavily nickel plated, zinc hook
- Serrated face grips firmly and releases easily
- On tapes measuring from outer end of ring, zero falls at inside of hook
- Can be used on lines 3/8"/10mm and wider such as Anchor® and Leader® chrome clad tapes and Banner metric tapes

Cat. No.	UPC No.	Packed	Description	Shelf Pack
552	037103452832	Boxed	Detachable hook	1

Tape Clamp Handle

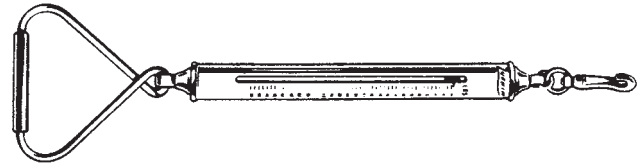


- Used for quickly and positively gripping a steel tape at any point
- Applies light or heavy tension
- Clamp is applied and removed by simply operating the handle
- Used properly, it will not damage a tape in any way
- Made of chrome-plated zinc alloy

Cat. No.	UPC No.	Packed	Description	Shelf Pack
584	037103453143	Boxed	Tape clamp handle	1

Tape Tension Handles

- Use with steel tapes for extremely accurate measurements
- Tension handle attaches to one end of the tape and the proper tension is applied when the measurement is taken
- When measuring with an unsupported line, tension handle should be used to counteract the effect of sag
- Rustproof brass construction with black-filled etched graduations
- Graduations begin at snap end and are easy-to-read when tension is applied
- No. 586 - Capacity of 30lbs. by 1/2lbs. and 25kg by 25kg



Cat. No.	UPC No.	Packed	Description	Shelf Pack
586	037103453150	Boxed	Tape tension handles	1

Lufkin

Red End® Series Folding Wood Rules

- First choice of carpenters and other professional craftsmen
- Bold red and black markings contrast sharply against white or yellow finish background
- Clear, abrasive-resistant coating protects markings
- Long wearing, riveted lock joints eliminate end play and retain accuracy
- Brass plated end clasps prevent wear

Red End® Extension Folding Wood Rule

- 6' and 8' wood rules available
- Graduated slide rule extends up to 6"
- Slide rule runs under friction in T-slot and stops at each end to prevent slide from falling out
- X46X has two 6" extension slides; an extension is ready for use on the first section
- HX46 has hook; zero falls at inside of hook, for distance measuring
- Marked both sides and both edges
- X46F has flat, inside markings; numbering begins on inside of rule
- Graduated to 1/16ths of an inch, 16" stud centers in red, regular outside markings



X46F

Cat. No.	UPC No.	Packed	Blade Size		Pack Wt.		Shelf Pack
			Width	Length	lb	kg	
X46	037103450623	Boxed	5/8"	6'	2.27	1.03	6
HX46	037103450654	Boxed	5/8"	6'	2.30	1.04	6
X48	037103450661	Boxed	5/8"	8'	2.95	1.34	6
X46F	037103450630	Boxed	5/8"	6'	2.28	1.03	6

Red End® Folding Wood Rule

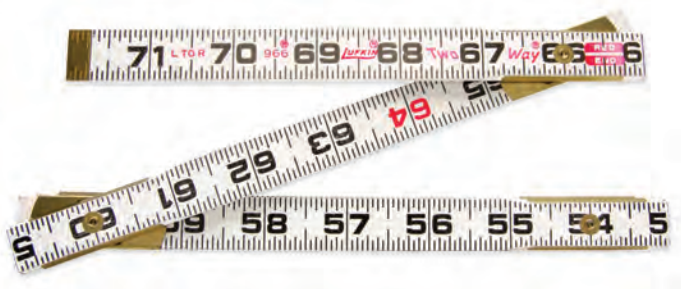


066

- Marked both sides, both edges
- Graduated to 1/16ths both edges; 16" stud centers marked in red
- Regular outside markings
- 066F has inside markings; numbering begins on inside of rule; measurement lies close to the work
- 062CME is marked both sides, reading left to right on both sides; rule is graduated in millimeters with centimeter and meter markings on metric side; English side is marked to 1/16ths

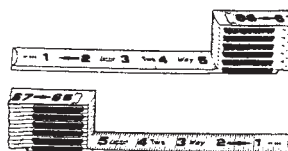
Cat. No.	UPC No.	Packed	Blade Size		Pack Wt.		Shelf Pack
			Width	Length	lb	kg	
066	037103450845	Boxed	5/8"	6'	2.2	1.00	6
066F	037103450869	Boxed	5/8"	6'	2.2	1.00	6
062CME	037103458407	Boxed	5/8"	6'	2.5	1.13	6

Red End® - Two Way® Folding Wood Rule



- For measuring left to right, right to left
- Marked both sides
- Graduated in feet, inches and 1/16ths on both sides and both edges
- Flat inside markings lie close to the work

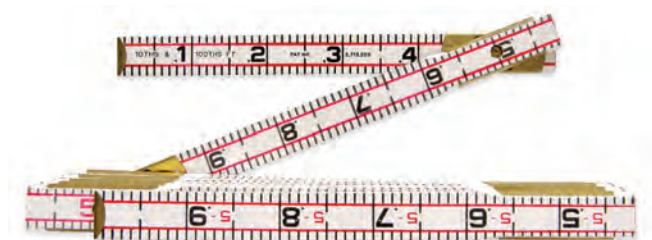
Right hand reading



Left hand reading

Cat. No.	UPC No.	Packed	Blade Size		Pack Wt.		Shelf Pack
			Width	Length	lb	kg	
966	037103453754	Boxed	5/8"	6'	2.20	1.00	6

Red End® Engineer's Folding Wood Rule

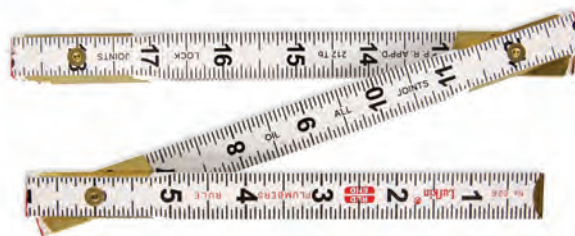
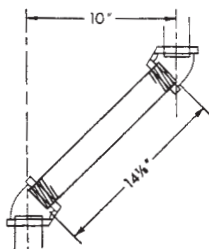


- 1066DM graduated in millimeters and feet, 1/10ths and 1/100ths
- 1066D graduated in feet, 1/10ths and 1/100ths of feet
- Red foot figures
- Regular outside markings in feet, inches and 1/16ths
- Decimal points on engineer's scale prevent reading errors

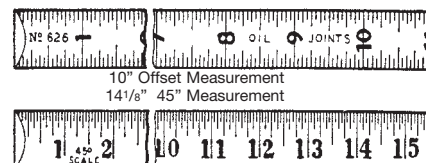
Cat. No.	UPC No.	Packed	Blade Size		Pack Wt.		Shelf Pack
			Width	Length	lb	kg	
1066D	037103453761	Boxed	5/8" (16mm)	6'	2.27	1.03	6
1066DM	037103085054	Boxed	5/8" (16mm)	6.5' (2m)	2.27	1.03	6

Red End® Plumber's Folding Wood Rule

- Used for working with 45° elbows to eliminate figuring and chance of error
- Graduated one side, in black, inches to 1/16ths both edges
- Other side in red, 45° scale inches to 1/16ths upper edge only
- Turning rule from black to red gives the corresponding 45° elbow measurement
- Example: Sketch at right shows 10" 45° offset; by turning rule at 10" graduation on standard inch side red graduation directly opposite indicates center-to-center fittings to be 14 1/8" Actual pipe length varies as allowances must be made for type of pipe and fitting used. All other size offsets are calculated in same manner. Where offset is longer than length of rule, add 45° measurement of extra distance to last scale on rule (101-13/16).



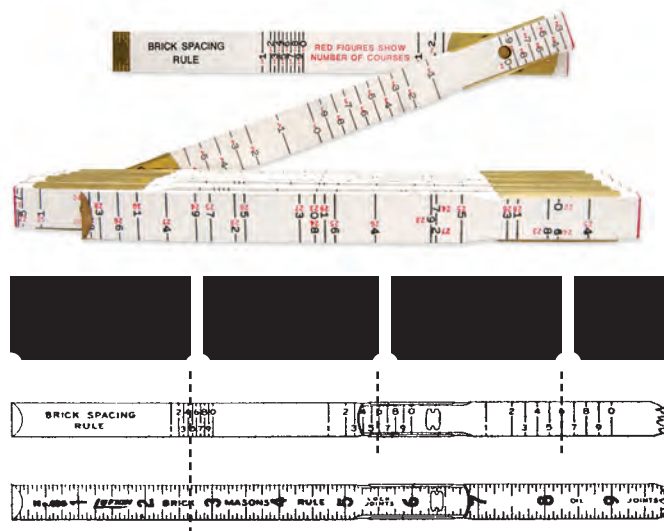
Allowance to be made according to fitting used



Cat. No.	UPC No.	Packed	Blade Size		Pack Wt.		Shelf Pack
			Width	Length	lb	kg	
626L	037103453433	Boxed	5/8"	6'	2.2	1.00	6

Red End® Brick Mason's Folding Wood Rule

- Used by bricklayers
- Graduated vertical inches to 1/16ths, both edges
- Brick Mason's scale on inside, red course counters numbered consecutively
- Regular outside markings in black
- Using the Lufkin® "Red End" 636 Brick Mason's Rule is easy and fast. For instructions on the 656, see below.
- To take a measurement when mortar thickness is known: As an example, assume mortar thickness is 1/2" and the average thickness of brick is 2 1/4". Added they would give a 2 3/4" course. Simply place your thumbnail on the edge of the rule at 2 3/4", turn over to the other side, and your thumbnail will be on the scale 6 mark. This is the correct scale to use under the above conditions. The illustration at left shows how easy it is to check the wall as it is being laid. Correct readings from the top edge of bricks are at scale 6. This rule speeds up correct scaling when an open space is to be bricked. There is but one simple operation when only space is known. Just measure the space with the scale side of the rule to the closest scale mark. This will give you the correct scale to use. For instance, assume that a space 37" is to be bricked. Using the Brick Mason's scale side of the rule to measure, the 37" figure falls between scale 4 and scale 8. Checking both these scales, by the previously described thumbnail method, at the starting end of the rule, it is found that scale 4 is equal to 2 5/8" and scale 8 is equal to 2 7/8". If the brick to be used averages 2 1/2", scale 4 would allow 1/8" joint and scale 8 a 3/8" joint. The more satisfactory of these two size joint thicknesses can be selected for the job. The brick industry is using more



and more oversize brick (also referred to as "queen" or "king size" brick). The estimates are about 40% of the brick sold is oversize. These bricks have a height of 2 3/4" vs. 2 1/4" for the standard or modular brick. Due to the number of requests from brick masons, we now offer the new #656 brick mason wood rule. The #656 rule has brick spacings at 2 7/8ths and go to 3 1/2" in 1/16" increments. The brick spacings will be identified by black letters A through K. Letters are used to prevent confusion with spacings shown on #636. The #656 rule is painted yellow compared to white for the #636.

Cat. No.	UPC No.	Packed	Blade Size		Pack Wt.		Shelf Pack
			Width	Length	lb	kg	
636	037103453440	Boxed	5/8"	6'	2.27	1.03	6
656	037103441218	Boxed	5/8"	6'	2.27	1.03	6

Red End® Modular Spacing Folding Wood Rule

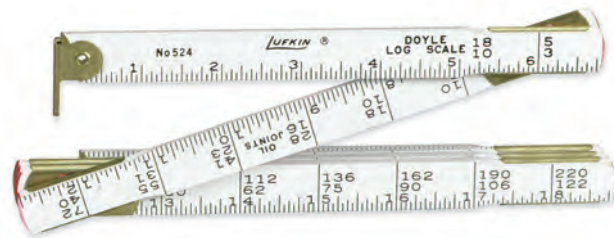
Designed for masonry work



- All sections have square ends
- Every joint opens on even number
- Inside marked with 6 scales in a 16" module. The scales are as follows: 2 courses in 16" space (for concrete blocks and glass blocks); 3 courses in 16" space (for facing tile); 4 courses in 16" space (for small facing tile and economy brick); 5 courses in 16" space (for engineered brick); 6 courses in 16" space (for Roman brick). Scales include mortar space and spacing for 6" and 12" blocks.
- Outside is graduated on both edges to 1/16ths
- The first end section is a short section which permits butting the rule on the first 16" module

Cat. No.	UPC No.	Packed	Blade Size		Pack Wt.		Shelf Pack
			Width	Length	lb	kg	
646L	037103453457	Boxed	5/8"	6'	2.27	1.03	6

Doyle Log Scale



- Designed for estimating board feet in a cut log
- Graduated inches to 1/16ths lower edge
- Outside markings for 10 and 18' logs
- Inside markings for 12, 14 and 16' logs

Cat. No.	UPC No.	Packed	Blade Size		Pack Wt.		Shelf Pack
			Width	Length	lb	kg	
524	037103452825	Boxed	5/8"	48"	0.25	0.11	1

Steel Blacksmith's Rule



- 2', 3/4" wide, 1/32" thick, 1-fold, tempered steel rule
- Riveted joint has large side washer and a stop which bring rule to a firm stop when opened straight
- Legible, permanent, deeply etched black markings
- Lower edge on one side graduated to 1/16ths of an inch, upper edge on other side to 1/8ths, lower edge 75 circumference inches to 1/8ths for converting diameters directly to circumference measurements

Cat. No.	UPC No.	Packed	Blade Size		Pack Wt.		Shelf Pack
			Width	Length	lb	kg	
86	037103456601	Boxed	3/4"	2'	1.85	0.84	12

School Shop Steel Rules

- Used in school shops and industrial plants
- Medium weight, tempered steel rule
- Hole in one end for hanging
- Deeply-etched, permanent markings are black-filled for easy reading
- Large graduations, marked upper edge both sides, one side 1/8ths; other side 1/16ths
- Opposite measure from opposite ends



Cat. No.	UPC No.	Packed	Thick	Blade Size		Pack Wt.		Shelf Pack
				Width	Length	lb	kg	
6012IN	037103450739	Boxed	1/32"	3/4"	12"	0.43	0.20	6

One-piece Steel Rules

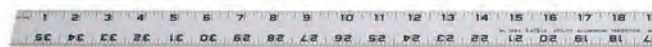
- Bold markings, deeply etched and permanent are black filled for easy reading; heavier than on machine-divided rules
- Large graduations, marked both sides, both edges
- Upper edge graduated in 1/8ths, lower edge in 1/16ths
- Opposite sides measure from opposite ends



Cat. No.	UPC No.	Packed	Thick	Blade Size		Pack Wt.		Shelf Pack
				Width	Length	lb	kg	
621FT	037103450791	Boxed	1/16"	1 1/4"	1'	6.00	2.72	20
622FT	037103450807	Boxed	1/16"	1 1/4"	2'	0.51	0.23	1
623FT	037103450814	Boxed	1/16"	1 1/4"	3'	0.76	0.34	1
624FT	037103450821	Boxed	1/16"	1 1/4"	4'	1.02	0.46	1
626FT	037103450838	Boxed	1/16"	1 1/4"	6'	1.5	0.68	1

Aluminum Yardstick

- Finest quality aluminum yardstick
- Lightweight, flexible, rustproof, tarnish-free and sharply defined yardstick
- Lies flat and has a hang-up hole for storage
- Easy-to-read markings on straight parallel edges
- Fine graduations one side only, both edges in inches to 1/16ths



Cat. No.	UPC No.	Packed	Rule Size		Pack Wt.		Shelf Pack
			Width	Length	lb	kg	
1260	037103453808	Boxed	15/64"	36"	1.85	0.84	6

Metric-English Aluminum Meter Stick



- Useful for making the transition to the metric system
- Graduated on front side in inches to 1/16ths on upper edge and decimeters, centimeters and millimeters lower edge
- Other side shows table of equivalents and conversions

Cat. No.	UPC No.	Packed	Rule Size		Pack Wt.		Shelf Pack
			Width	Length	lb	kg	
1261ME	037103453815	Boxed	1"(27mm)	1 m	2.7	1.22	6

Tinner's Steel Circumference Rules



- Standard rule with tinner's and other sheet metalworkers
- Tempered medium-weight steel
- Hole in one end for hanging
- Markings are black for easy reading
- 953 model, one side upper edge marked inches to 1/16ths; lower edge marked up to 113 circumference inches to 1/8ths
- 954 model, one side upper edge marked inches to 1/16ths; lower edge marked up to 150 circumference inches to 1/8ths
- Reverse side of both models has formulas for calculating circumference, diameter, area, etc. and size tables for laying out measures and cans

Cat. No.	UPC No.	Packed	Thick	Rule Size		Pack Wt.		Shelf Pack
				Width	Length	lb	kg	
953FT	037103450982	Boxed	1/16"	1 1/4"	3'	0.78	0.35	1
954FT	037103450999	Boxed	1/16"	1 1/4"	4'	1.04	0.47	1

Pro Series Measuring Wheels

PSMW38

- Measure as fast as you can walk
- Wheel Brake and Reset at handle for convenient multiple measurements
- Wheel calibrated to counter - accurate for estimated measurements
- Large wheel model ideal for uneven terrain
- Also suitable for long indoor measurements
- Manufacturing plant layout, outdoor measurements on firm smooth surfaces
- Feet and Inches

PSMW18

- Measure as fast as you can walk
- Wheel calibrated to counter - accurate for estimated measurements
- Compact measuring wheel, convenient for quick estimates
- Ideal for real estate or homeowners
- Fits into standard size briefcase
- Feet & Inches



PSMW38



PSMW18

Cat. No.	UPC No.	Packed	Description	Handle Length		Pack Wt.		Shelf Pack
				Retracted	Extended	lb	kg	
PSMW18	037103195272	Carded	Pro Series Measuring Wheel, Compact, 8ths	21"	42"	8.2	3.7	6
PSMW38	037103195289	Carded	Pro Series Measuring Wheel, Contractor's, 8ths	25"	45.5"	9.4	4.3	4

Measuring Wheels



MW18



MW38

All Wheels

- Measure as fast as you can walk
- For estimated measurements
- Measures curved, horizontal, and vertical surfaces - flexible for multiple uses
- Tough plastic parts and molded rubber tires resist corrosion
- Telescoping handles - adjustable height comfortable for most users

MW18

- Compact measuring wheel, convenient for quick estimates
- Ideal for real estate or homeowners
- Fits into standard size briefcase; telescoping handle reduces length to 17" for easy storage
- Dial indicator measures up to 999' 11" without resetting
- MW18M, meters and decimeters

MW38

- Large wheel model ideal for uneven terrain
- Also suitable for long indoor measurements such as manufacturing plant layout or outdoor measurements on firm and smooth surfaces
- Dial indicator measures up to 9,999' 11" without resetting (almost 2 miles)
- Retractable handle adjusts for comfortable measurements
- MW38M, meters and decimeters

Cat. No.	UPC No.	Packed	Description	Handle Length		Pack Wt.		Shelf Pack
				Retracted	Extended	lb	kg	
MW18TP	037103134844	Carded	Executive Measuring Wheel, Feet	17"	26"	6.5	14.33	6
MW18M	037103142061	Carded	Executive Measuring Wheel, Metric	17"	26"	6.5	14.33	6
MW38TP	037103134868	Carded	Contractor Measuring Wheel, Feet	30"	41"	13	28.66	2
MW38M	037103142078	Carded	Contractor Measuring Wheel, Metric	30"	41"	13	28.66	3

Cat. No.	Page	Cat. No.	Page	Cat. No.	Page	Cat. No.	Page
50	79	2035CME	64	C1293SF590	88	FE150D	84
86	102	2048CME	64	C1676D	93	FE200	84
524	102	2049CME	64	C213	76	FE200D	84
584	98	2133D	64	C213C	76	FE300	84
586	99	2210MEX	64	C213CX	76	FE300D	84
590	91	2212DX	64	C213D	76	FM015CME	84
626	101	2212X	64	C216	76	FM030CM	84
636	101	2223CME	64	C21616THBLK	76	FM030CME	84
656	101	2312D	64	C216D	76	FM030DM	84
966	100	2325D	64	C2276D	92	FM050CM	84
1260	103	2333ME	64	C2276ME	92	FM050CME	84
2125	64	2335ME	64	C2730DMM	94	FM060CME	84
2130	64	2338CME	64	C2730MM	94	FM100CME	84
2133	64	2410CME	64	C2730MME	94	HC253	76
2210	64	261PTH	77	C2750DMM	94	HC256	76
2212	64	263P	77	C2750MME	94	HD403	86
2312	64	2SF590	88	C2910MME590GM	88	HD403D	86
2316	64	590G	91	C2915MME590GM	88	HD406	86
11100	93,94,98	590GM	91	C2920MME150MM	88	HD406D	86
11200	94,98	590GME	91	C2920MME590GM	88	HDH406	86
12200	92	6012IN	103	C2930MME590GM	88	HDH406D	86
31100	93	621FT	103	C9212	69	HV1010	65
31200	97	622FT	103	C9212X	69	HV1012	65
31300	97	623FT	103	CD2730DMM	92	HV1023CM	65
58712	91	624FT	103	CD2750MME	92	HV1023CME	65
0120P	80	626FT	103	CN129012SF590	87	HV1024CME	65
062CME	100	646L	102	CN1290SF590	87	HV1034CME	65
066	100	9150L	97	CN1290SMEF590	87	HV1034DM	65
066F	100	953FT	104	CN1291SF590	87	HV1035CM	65
09100B	96	954FT	104	CN1293SDF590	87	HV1035CME	65
09200B	96	AL725	67	CN1293SF58712	87	HV1038CME	65
09300B	96	AL725MAG	68	CN1293SF590	87	HV1048CM	65
100L	79	AL748CME	67	CN1293SMEF590	87	HV1048CME	65
1066D	100	C106PM	80	CN1294SF58712	87	HV1048DM	65
1066DM	100	C106TPM	80	CN1294SF590	87	HV1049CME	65
120P	80	C120TP	80	CN1294SMEF590	87	HV116	66
120TP	80	C1276	94	CN1295SF590	87	HV1312	65
1261ME	104	C1276D	94	CN1295SMEF58712	87	HV1312D	65
1290SF590	88	C1278	94	CN1295SMEF590	87	HV1316	65
1291SM590	88	C1278D	94	CN1296SF590	87	HV1325	65
1293SF590	88	C1286	94	CN1296SMEF590	87	HV1325D	65
1293SM590	88	C1286D	94	CN1298SMEF590	87	HV1410CME	65
150MM	91	C1288	94	FE050	84	HV1425	65
2024CME	64	C1288BLK	94	FE050D	84	HV1425D	65
2033CME	64	C12901/2SF590	88	FE100	84	HV1425ED	65
2034CME	64	C1290SF590	88	FE100D	84	HV1430	65
2035CM	64	C1291SF590	88	FE150	84	HV1433	65

Cat. No.	Page	Cat. No.	Page	Cat. No.	Page	Cat. No.	Page
HV1433DM.....	65	OC213D.....	76	QRL625MP.....	68	Y1278D.....	94
HV15CME.....	79	OC2276D.....	92	RC106TPM.....	80	Y1279.....	94
HV30CME.....	79	OC2276ME.....	92	RHY50CME.....	77	Y1279D.....	94
HV420.....	66	OC2730DMM.....	94	RW312.....	64,65	Y1676D.....	93
HW100.....	79	OC2910MME590GM.....	88	RW316.....	64,65	Y420.....	66
HW223.....	78	OCD2730DMM.....	92	RXL33.....	65	Y46CME.....	66
HW223D.....	78	OCN129012SF590.....	87	RY1276D.....	94	Y613ME.....	69
HW223ME.....	78	OCN1290SF590.....	87	RY1278.....	94	Y8210.....	69
HW226.....	78	OCN1291SF590.....	87	RY1278D.....	94	Y8212.....	69
HW226D.....	78	OCN1293SF590.....	87	RY1279.....	94		
HW226ME.....	78	OCN1293SMEF590.....	87	RY15CME.....	79		
HW227CME.....	78	OCN1294SF590.....	87	RY210.....	64,65		
HW50.....	79	OCN1294SMEF590.....	87	RY212.....	64,65		
HX46.....	99	OCN1295SF590.....	87	RY30CME.....	79		
HYT100.....	77	OCN1295SME590.....	87	RY325.....	64,65		
HYT100D.....	77	OCN1296SF590.....	87	RY35CME.....	64,65		
HYT15CME.....	77	OCN1296SMEF590.....	87	RY425.....	64,65		
HYT30CME.....	77	OS1291F590.....	89	RY430.....	64,65		
HYT50.....	77	OY100.....	79	S1291F590.....	89		
HYT50CME.....	77	OY50.....	79	S1293F590.....	89		
L610.....	68	PS100S.....	78	S590.....	91		
L610CME.....	68	PS1806N.....	93	W393.....	70		
L616.....	68	PS1806DN.....	93	W606.....	70		
L616CME.....	68	PS1808N.....	93	W606ME.....	70		
L625.....	68	PS1808DN.....	93	W606P.....	70		
L625CME.....	68	PS1809DN.....	93	W606PD.....	70		
L625SCTMP.....	68	PS3035CME.....	63	W606PM.....	70		
L725MAG.....	67	PS3048CME.....	63	W608.....	70		
L748MAG.....	67	PS3312.....	63	W6110.....	69		
MW18M.....	106	PS3316.....	63	W616.....	69		
MW18TP.....	106	PS3425.....	63	W616BO.....	69		
MW38M.....	106	PS3425D.....	63	W9210.....	69		
MW38TP.....	106	PS3430.....	63	W9210ME.....	69		
O1290SF590.....	88	PS3435.....	63	W9212.....	69		
O1293SF590.....	88	PSFE100.....	83	W928.....	69		
O261PTH.....	77	PSFE200.....	83	W9312.....	69		
OC1276.....	94	PSFE300.....	83	W9312D.....	69		
OC1276D.....	94	PSFE3PCKIT.....	83	X46.....	99		
OC1278.....	94	PSFM030CME.....	83	X46F.....	99		
OC1278D.....	94	PSFM060CME.....	83	X48.....	99		
OC1286D.....	94	PSFM100CME.....	83	XL8525.....	67		
OC1288.....	94	PSMW18.....	105	XL8525D.....	67		
OC12901.....	88	PSMW38.....	105	XL8548CME.....	67		
OC1290SF590.....	88	QR1312.....	66	Y1276.....	94		
OC1291SF590.....	88	QR1316.....	66	Y1276D.....	94		
OC1293SF590.....	88	QR1425.....	66	Y1278.....	94		