

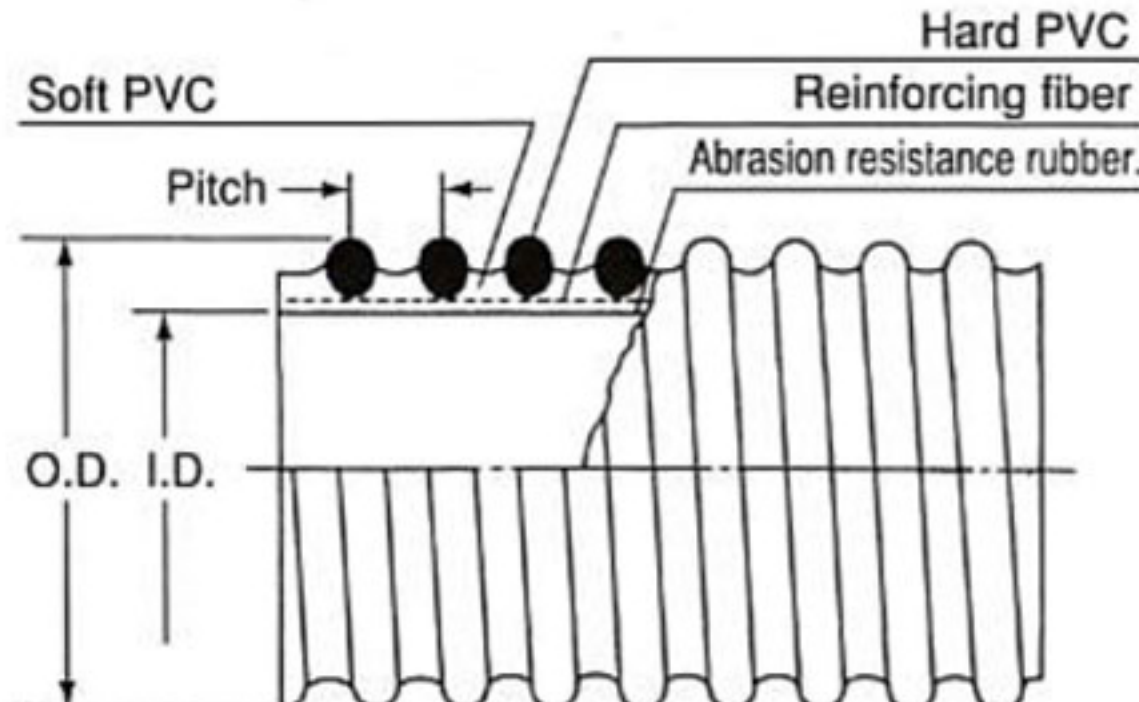
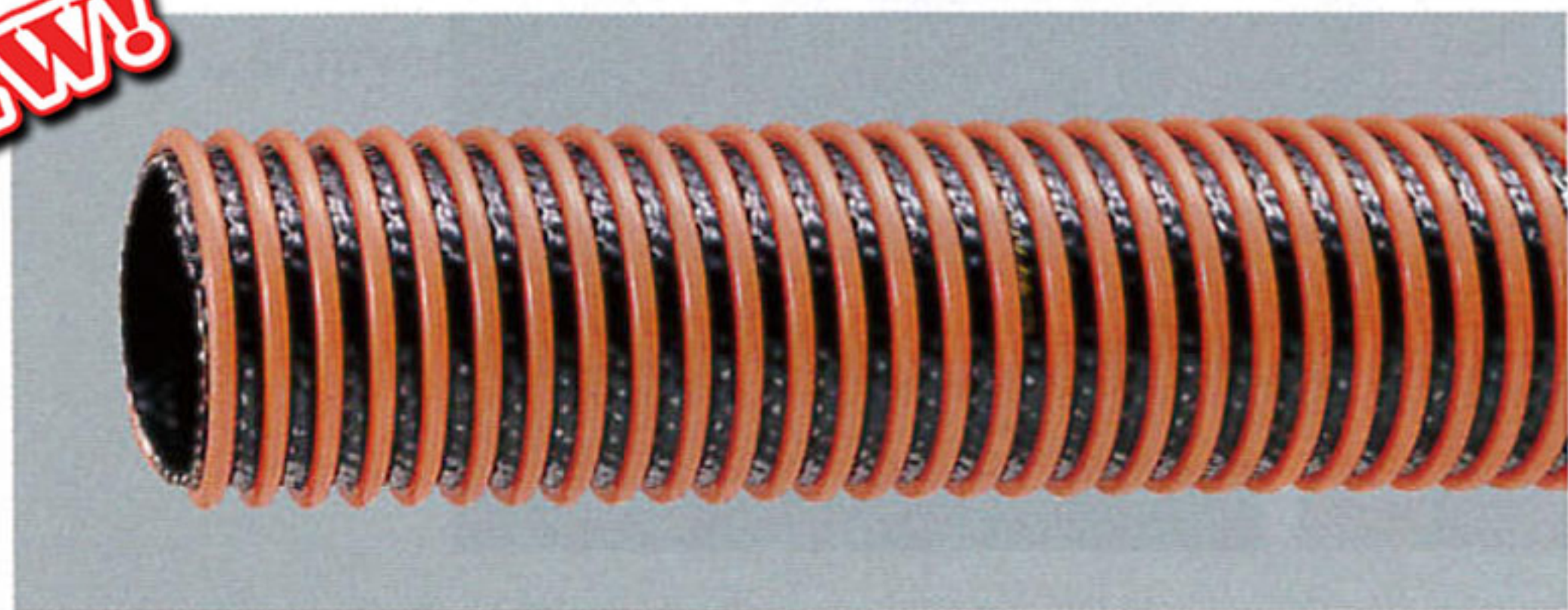
TOTAKU LINE POWER-AT

- 1/ Are you feel present hose is heavy? - Appx 20% lighter!
2/ How long does it takes to installation? - Appx 30 minutes!
3/ Are you happy with present hose life? - Use abrasion resistance rubber. Long life!

TOTAKU LINE POWER-AT

Item No.26124- ☐

NEW!



Features.

- Max allowable pressure is 1.00MPa{10.2 kgf/cm²}(at room temperature), good pressure durability, and a structure of less elongation during pressuring
- As the inside layer is of abrasion resistant rubber, abrasion resistance is good.
- Strong resistance to outside pressure, with little deformation

Applications.

- For suction/delivery of muddy water for construction sites using the shield method of muddy water, the reverse method, etc.
- For suction/delivery of muddy water at normal construction sites
- For suction/delivery of sand, gravel, sludge, etc.
- For dredging, filling-in
- For suction/delivery of powder, pellets such as cement
- For transportation of high-density material and for high-elevation delivery

STANDARD DIMENSIONS & PROPERTIES

Nominal diameter	I.D. mm	O.D. mm	Pitch mm	Weight (reference) g /m	L/coil m	Allowable pressure (at room temperature) MPa {kgf/cm ² }	Vacuum Deformation Temperature (—101.3kPa) {—760mmHg} °C Note1.	Allowable bending radius mm
50 {2}	50.8	69.5	10.0	1760	20-50	1.00 {10.2}	65	600
65 {2½}	63.5	86.0	14.3	2320	20-50	1.00 {10.2}	65	750
75 {3}	76.2	99.5	15.1	2860	20-50	1.00 {10.2}	65	750
100 {4}	101.6	129.0	17.0	4520	20-50	1.00 {10.2}	65	1250
125 {5}	127.0	159.5	22.0	6310	20	1.00 {10.2}	60	1700
150 {6}	152.4	187.5	22.0	8000	20	1.00 {10.2}	60	2000
200 {8}	203.2	247.5	25.0	13700	10	1.00 {10.2}	60	2250

●As for the maximum length of the hose, please consult us regarding possible special freight costs when placing an order.

Note1. Vacuum deformation temperature does not mean allowable use temperature.

■For the cases when the TOTAKU POWER BAND is used, it can also be installed on site.

(Swaging processing is recommended because it's safe at about φ 200.)

- Insert the TOTAKU POWER BAND in a hose beforehand, then insert couplings and prepare.
- A torque spanner is used to tighten bolts. But, please be careful to not overly tighten the chosen hose to avoid tearing.

Torque for tightening : $\phi 50 \cdot 65 = 14.7 \text{ N} \cdot \text{m}$
 $\phi 75 = 19.6 \text{ N} \cdot \text{m}$
 $\phi 100 \sim 150 = 24.5 \text{ N} \cdot \text{m}$
 $\phi 200 = 29.4 \text{ N} \cdot \text{m}$

※When installing on site, please prepare security measures regarding accident prevention in cases where couplings come out, by uniting the TOTAKU POWER BAND and a flange or a joint using a wire and a turn line.

BEFORE



AFTER



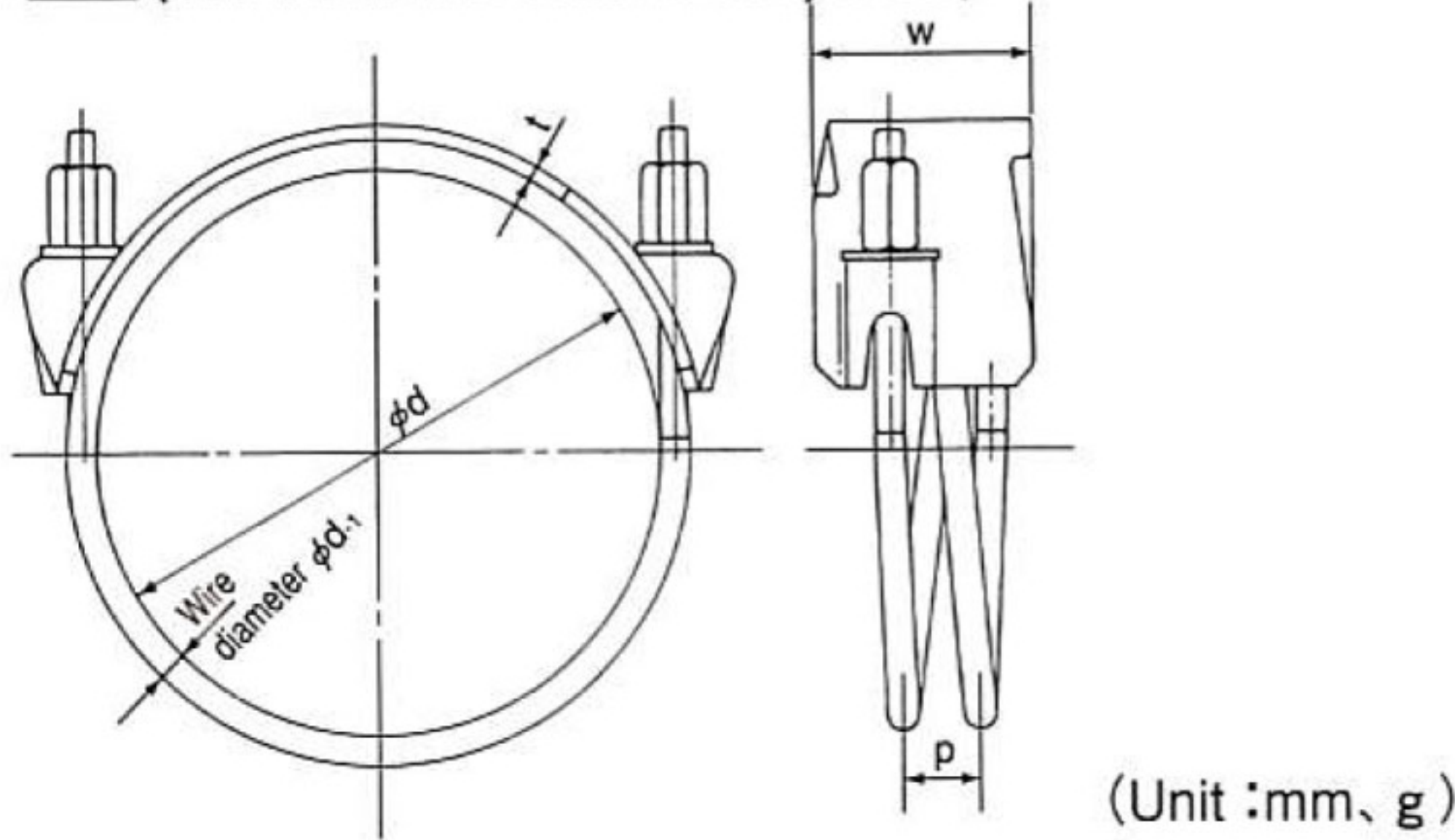
USE



TOTAKU POWER BAND

material : SS-Zn Plating Stainless Steel (Diementions are slightly different from the following table.)

- Item No.92372- ☐ (for TOTAKU LINE POWER-AT, SS)
Item No.92373- ☐ (for TOTAKU LINE POWER-AT, SUS)
Item No.92370- ☐ (for TOTAKU LINE ACE, SS)
Item No.92371- ☐ (for TOTAKU LINE ACE, SUS)



FOR TOTAKU LINE POWER-AT!

Calling	d	d-1	p	w	t	weight	Dia. and length of bolt	Applicable hose
50LA	59	5	10.0	55	2.3 (2.0)	200	M= 6 L= 50	TOTAKU LINE ACE
50AT	65	5	10.0	50	2.3 (2.0)	230	M= 6 L= 50	TOTAKU LINE POWER-AT
65LA	73	5	15.0	55	2.3 (2.0)	220	M= 6 L= 50	TOTAKU LINE ACE
65AT	78	5	15.0	55	2.3 (2.0)	250	M= 6 L= 50	TOTAKU LINE POWER-AT
75LA	85	5	15.0	55	2.3 (2.0)	240	M= 6 L= 50	TOTAKU LINE ACE
75AT	90	7	15.0	55	2.3 (2.0)	330	M= 8 L= 50	TOTAKU LINE POWER-AT
※90	100	7	17.0	50	2.3	420	M= 8 L= 70	TOTAKU LINE ACE
100LA	110	9	18.0	60	2.3 (2.0)	560	M=10 L= 75	TOTAKU LINE ACE
100AT	117	9	17.0	55	2.3 (2.0)	590	M=10 L= 70	TOTAKU LINE POWER-AT
※115	132	9	17.0	50	2.3	660	M=10 L= 70	TOTAKU SD-A115
125	143	9	22.0	55	3.2 (3.0)	840	M=10 L= 70	TOTAKU LINE POWER-AT
150LA	167	9	22.0	55	3.2 (3.0)	930	M=10 L= 90	TOTAKU LINE ACE
150AT	175	9	22.0	55	3.2 (3.0)	970	M=10 L= 90	TOTAKU LINE POWER-AT
※165	185	9	22.0	55	3.2	1000	M=10 L= 90	TOTAKU SD-A165
200	225	9	25.0	75	3.2 (3.0)	1450	M=10 L=120	TOTAKU LINE POWER-AT

Note 1 The value of () is the stainless value. The note 3 AT type also has one with a weld stick.
Note 2 The mark of ※ isn't stainless only by iron.



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