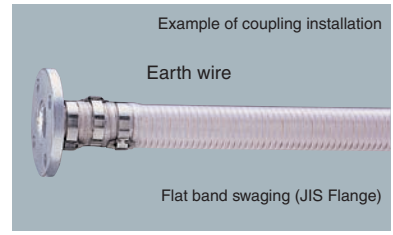
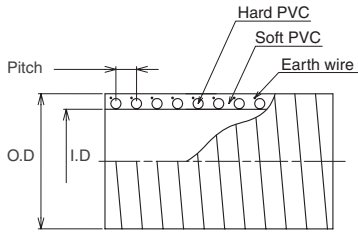
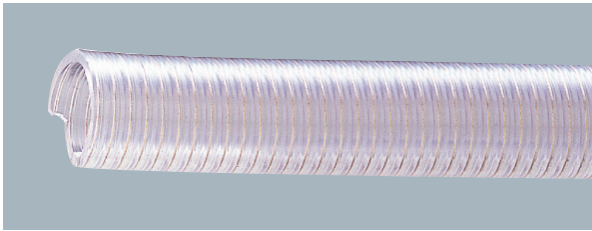


Allowable pressure does not mean the maximum working pressure. In designing the operation, please adopt the working pressure in consideration of the contents described in the table on Page 3.

All data contained in this catalog is the value obtained when the hose is placed in a straight form. Allowable pressure, etc. may be changed depending on the assortment of coupling and bands, use temperature and bending condition, to which please pay your attention. For details, please refer to "Assortment Table of Coupling and Bands" on Page 48

TOTAKU SD-CE

Item No.22109-



Features.

- With built-in earth wire(copper wire), excellent in anti-static effect
- Transparent wall enables visual check of the material flow.

Applications.

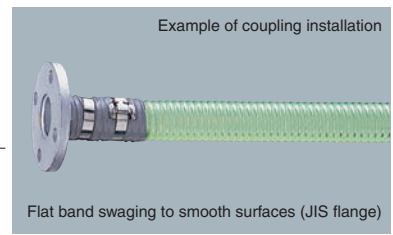
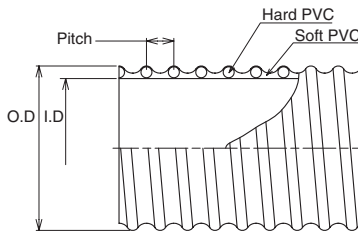
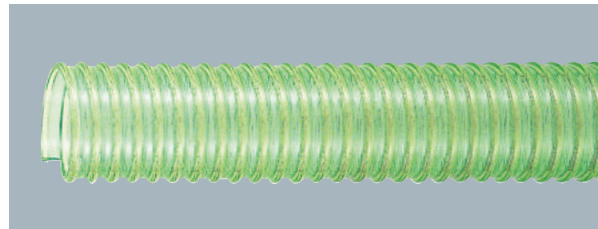
- For transportation of plastic pellets
- For transportation of white powder like calcium carbonate, etc.
- For piping in a room which dislikes static electricity, (ex. clean rooms, etc)
- For suction/delivery, more suitable for delivery usage.

STANDARD DIMENSIONS & PROPERTIES

Nominal diameter		I.D. mm	O.D. mm	Weight (reference) g/m	L/coil m	Allowable pressure (at room temperature)		Allowable bending radius mm
mm	inch					MPa	kgf/cm ²	
25	1	25.4	33.7	565	50	0.50	5.1	240
32	1¼	32.0	41.8	735	50	0.45	4.6	340
38	1½	38.0	48.0	870	50	0.40	4.1	350
50	2	50.8	63.5	1455	50	0.40	4.1	500
65	2½	63.5	76.8	1905	20-50	0.40	4.1	600
75	3	76.2	89.8	2260	20-50	0.40	4.1	775
90	3½	88.9	102.8	2710	20	0.30	3.1	1065
100	4	101.6	118.0	3620	20	0.30	3.1	1150
125	5	127.0	143.0	4330	20	0.25	2.5	1600
150	6	152.4	171.0	5880	20	0.20	2.0	1875
200	8	203.2	226.5	9960	10	0.20	2.0	3000

TOTAKU SD-AS

Item No.22137-



Features.

- With special formulation of soft-PVC, the anti-static effect will last as shown in the under-mentioned table. (ref. Table 2)
- Transparent wall (clear green) enables visual check of the material flow.

Applications.

- For transportation of plastic pellets, especially good for Nylon/ABS, etc which require pre-drying.
- Additionally, for transportation of pellets/powder (except foodstuffs)

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)		Allowable bending radius mm
mm	inch						MPa	kgf/cm ²	
25	1	25.4	30.8	7.5	200	50	0.20	2.0	70
32	1¼	32.0	38.2	8.5	255	50	0.15	1.5	80
38	1½	38.0	44.6	9.0	385	50	0.15	1.5	90
50	2	50.8	58.0	10.0	540	50	0.10	1.0	150
65	2½	63.5	73.0	14.3	810	50	0.10	1.0	180
75	3	76.2	87.5	15.1	1125	50	0.10	1.0	210
100	4	101.6	115.0	16.4	1965	20	0.10	1.0	300
125	5	125.9	141.6	22.0	2520	20	0.10	1.0	350
150	6	152.4	172.0	22.0	4530	20	0.15	1.5	675

Table 1. : Special properties of material

Item	Unit	TOTAKU SD-AS Special combination PVC	General soft- PVC.	Test method & condition
Volume resistivity	(Ω-cm)	2.7×10 ⁸	4.2×10 ¹¹	JIS K-6911
Surface resistivity	(Ω)	9.8×10 ⁸	3.5×10 ¹²	JIS K-6911
Static decay time 50%	(sec)	0.01	0.64	Temperature 23% Humidity 60%
Static decay time 90%	(sec)	0.01	11.10	
Static decay time 100%	(sec)	0.02	30.30	

Table 2. : Anti-static effect

Name of product	General product φ38	TOTAKU SD-AS (Anti-static Product φ38)
Soft-PVC Transportation line	1600Volt	100Volt
Hard-PVC Transportation line	33000Volt	100Volt

※Static-protection-type and general products are lain in the PVC pellet transport line and the maximum voltage of static electricity is measured.