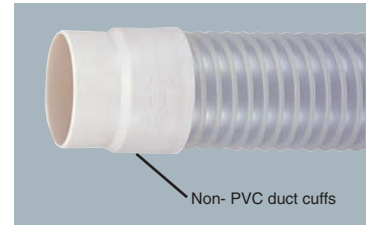
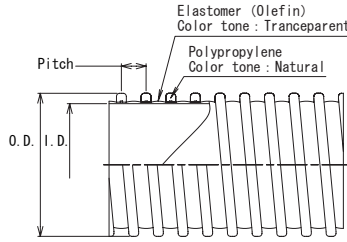
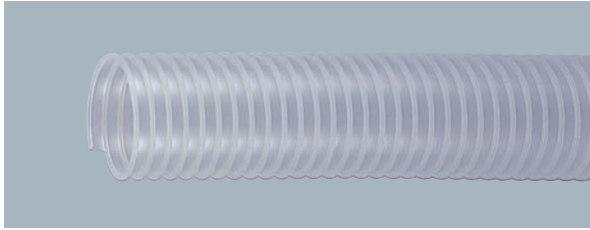


Allowable pressure does not mean the maximum working pressure.  
In designing the operation, please adopt the working pressure in consideration of the contents described in the table on Page 3.

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 ECO DUCT

Item No.21161-



## Features.

- Light weight, flexible and easy to handle.
- Usable for the food applications.
- ※ Not suitable for transportation of oily foodstuffs and fluid.  
Conformed to "Food Sanitary Law, Notification of Ministry of Health, Labour and Welfare No.201" (Except for dissolving test on oils and fats and fat-related food, Heptanes).
- Excellent bend durability.  
(Cleared bending test of one million times).
- Transparent wall enables visual check of the material flow.
- Can be incinerated by fire after use, no noxious gas<sup>(※1)</sup> is generated (Ash less than 0.05%).
- ※ 1. Hydrogen chloride, Sulfur oxide, Nitrogen oxide, Hydrogen cyanide, Ammonia.
- The tube material have excellent abrasion resistance (At normal temperature).

## Applications.

- For blowers and exhaust duct for equipments and machineries.
- For blowers and exhaust duct for processing machines for foods.
- For blower and exhaust in environments where low dust occurrence is equired, including a clean rooms.
- ※ Very little dust-raising material is used for this duct. However, your specific check on dust-raising is required before actual use since an amount of dusts is variable depending on use conditions (such as fluid substance, temperature and pressure).

## STANDARD DIMENSIONS & PROPERTIES

Nominal diameter	I.D.	O.D.	Pitch	Weight (reference)	L/coil	Allowable pressure (at room temperature)		Allowable decompression power (at room temperature)		Allowable bending radius
						MPa	kgf/cm <sup>2</sup>	kPa	mmHg	
32 1½	32.0	38.0	7.5	170	30	0.04	0.4	-50.7	-380	40
38 1¼	38.0	45.0	7.8	235	30	0.04	0.4	-50.7	-380	50
50 2	50.8	59.0	10.0	325	30	0.04	0.4	-50.7	-380	60
65 2½	63.5	72.0	12.5	405	30	0.03	0.3	-50.7	-380	75
75 3	76.2	85.0	13.0	470	30	0.03	0.3	-33.0	-248	90
90 3½	88.9	99.0	13.5	575	30	0.03	0.3	-20.0	-150	90
100 4	101.6	111.5	15.0	635	30	0.03	0.3	-17.5	-131	110
125 5	127.0	138.5	21.0	975	20	0.02	0.2	-12.5	-94	135
150 6	152.4	164.0	20.0	1125	20	0.02	0.2	-12.5	-94	160
200 8	203.2	216.0	22.5	1545	20	0.01	0.1	-6.0	-45	210
NEW 250 10	252.0	271.0	26.0	2975	10	0.01	0.1	-4.0	-30	300
NEW 300 12	303.0	322.0	26.0	3735	10	0.01	0.1	-2.5	-19	350

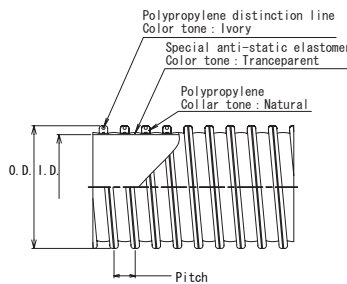
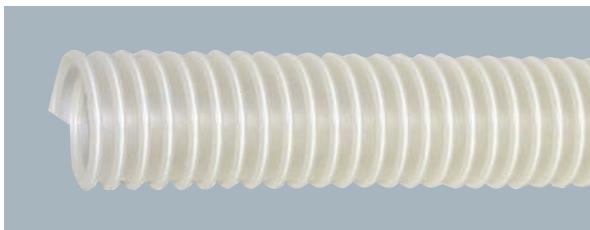
※ Non-PVC duct cuffs is also available. (P.51 referring).

## CAUTIONS

Please avoid the use and storage over the long period of time in the outdoors.

# TOTAKU ECO DUCT-AS

Item No.21177-



## STANDARD DIMENSIONS & PROPERTIES

Nominal diameter	I.D.	O.D.	Pitch	Weight (reference)	L/coil	Allowable pressure (at room temperature)		Allowable decompression power (at room temperature)		Allowable bending radius
						MPa	kgf/cm <sup>2</sup>	kPa	mmHg	
38 1½	38.0	45.0	7.8	220	30	0.04	0.4	-50.7	-380	50
50 2	50.8	59.0	10.0	325	30	0.04	0.4	-50.7	-380	60
65 2½	63.5	72.0	12.5	405	30	0.03	0.3	-50.7	-380	75
75 3	76.2	85.0	13.0	470	30	0.03	0.3	-33.0	-248	90
100 4	101.6	111.5	15.0	635	30	0.03	0.3	-17.5	-131	110
125 5	127.0	138.5	21.0	805	20	0.02	0.2	-12.5	-94	135
150 6	152.4	164.0	20.0	1055	20	0.02	0.2	-12.5	-94	160
200 8	203.2	216.0	22.5	1440	20	0.01	0.1	-6.0	-45	210

※ Non-PVC duct cuffs is also available. (P.51 referring).

## CAUTIONS

Please avoid the use and storage over the long period of time in the outdoors.

## Features.

- The high anti-static effect is being added to the TOTAKU ECO DUCT.
- Can be used for foodstuffs.
- ※ Not suitable for transportation of oily foodstuffs or fluid  
Conformed to "Food Sanitary Law, Notification of Ministry of Health, Labour and Welfare No.201" (Except for dissolving test on oils and fats and fat-related food, Heptanes).

## Applications.

- For blow and exhaust duct for powder of foodstuffs.
- For blow and exhaust duct for equipments and machineries.
- For blow and exhaust duct for processing machines of foodstuffs.
- For blowers and exhaust in environments where low dust occurrence is required, including clean rooms
- ※ Very little dust-raising material is used for this duct. However, your specific check on dust-raising is required before actual use since an amount of dusts is variable depending on use conditions (such as fluid substance, temperature and pressure).

FLUORO SERIES

ECO SERIES

Hose for foodstuffs

Duct hose

Hose for general suctions and deliveries

Hose & Duct for powder and granule

Hose for pressure-resistance and abrasion resistance

Hose for abrasion resistance