

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.  
(Note) Allowable decompression power of duct hose means the value that both ends of the duct hose is fixed at straight condition.  
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.

## TOTAKU MD-18 (Fixed installation)

Item No.21114-

※ Permissible Highest Temperature for continuous use/ 180°C or less.

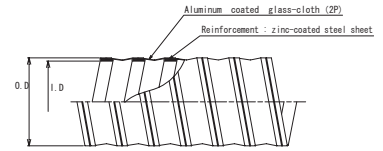


### Features.

- With aluminum coated glass-cloth and zinc-coated steel sheet as a reinforcing core, this can be used at 180°C or less.
- Stretchable and easy for placing, storing and transporting (However, please avoid stretching and shortening TOTAKU MD-18 repeatedly)
- The aluminum coated glass-cloth sheet is especially good for bending resistance and flame-retardation. (Acceptable product for flame prevention, first class)

### Applications.

- For air intake and exhaust of air conditioners and equipment for producing and circulating hot wind.



### STANDARD DIMENSIONS & PROPERTIES

Nominal diameter	I.D.		O.D.	Weight (reference)	L/coil	Allowable pressure (at room temperature)		Allowable decompression power (at room temperature)		Allowable bending radius
	mm	inch				MPa	kgf/cm <sup>2</sup>	kPa	mmHg	
50	2	51.0	54.5	405	5	0.007	0.07	-8.5	-64	110
65	2½	67.5	71.5	520	5	0.007	0.07	-8.0	-60	140
75	3	76.0	80.0	580	5	0.007	0.07	-7.0	-53	160
90	3½	91.0	95.0	630	5	0.007	0.07	-7.0	-53	190
100	4	102.5	106.0	720	5	0.007	0.07	-6.5	-49	210
125	5	127.5	131.0	860	5	0.007	0.07	-6.5	-49	250
150	6	152.0	155.5	1050	5	0.007	0.07	-6.0	-45	280
175	7	176.5	180.0	1185	5	0.007	0.07	-5.0	-38	340
200	8	202.0	205.0	1400	5	0.007	0.07	-4.5	-34	380
250	10	253.0	256.0	1780	5	0.007	0.07	-3.0	-23	510
300	12	303.0	306.5	2100	5	0.007	0.07	-3.0	-23	610

## TOTAKU MD-25 (Free installation)

Item No.21115-

※ Permissible Highest Temperature for continuous use 250°C or less.

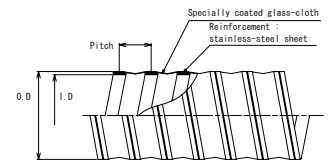


### Features.

- With specially coated glass-cloth and stainless-steel sheets (SUS304) as a reinforcing core, this can be used at 250°C or less.
- Stretchable and easy for placing, storing and transporting
- Specially coated glass-cloth is good for flame-retarding. (Acceptable product for flame prevention, first class)

### Applications.

- For suction ducts of equipment for producing and circulating hot wind, sparks of electric/gas welding and sparks of grinders, etc



### STANDARD DIMENSIONS & PROPERTIES

Nominal diameter	I.D.		O.D.	Weight (reference)	L/coil	Allowable pressure (at room temperature)		Allowable decompression power (at room temperature)		Allowable bending radius
	mm	inch				MPa	kgf/cm <sup>2</sup>	kPa	mmHg	
50	2	51.0	54.5	360	5	0.007	0.07	-8.5	-64	110
65	2½	67.0	71.5	480	5	0.007	0.07	-8.0	-60	140
75	3	76.0	80.0	525	5	0.007	0.07	-7.0	-53	160
90	3½	91.0	94.5	545	5	0.007	0.07	-6.5	-49	190
100	4	102.5	106.0	635	5	0.007	0.07	-6.5	-49	210
125	5	127.5	131.0	770	5	0.007	0.07	-6.0	-45	250
150	6	152.5	155.5	910	5	0.007	0.07	-4.0	-30	280
175	7	176.5	180.0	1165	5	0.007	0.07	-4.0	-30	340
200	8	202.0	205.0	1240	5	0.007	0.07	-3.0	-23	380
250	10	253.0	256.0	1570	5	0.007	0.07	-3.0	-23	510
300	12	303.5	306.5	1905	5	0.007	0.07	-3.0	-23	610

## TOTAKU MD-45 (Fixed installation)

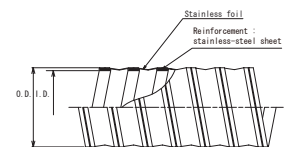
Item No.21116-

※ Permissible Highest Temperature for continuous use: 450°C or less.



### Features.

- All materials used are stainless (SUS304), excel at heat-resistance, and can be used at 450 °C or less.
- Materials used are all stainless steel (SUS304) and have good heat resistance. Materials are corrosion-retarding against gases containing acid, alkaline, solvents, etc (at room temperature).
- This is for fixed installation but can be curved. (However, TOTAKU MD-45 can't be bended repeatedly)



### STANDARD DIMENSIONS & PROPERTIES

Nominal diameter	I.D.		O.D.	Weight (reference)	L/coil	Allowable pressure (at room temperature)		Allowable decompression power (at room temperature)		Allowable bending radius
	mm	inch				MPa	kgf/cm <sup>2</sup>	kPa	mmHg	
50	2	52.5	56.0	365	2	0.007	0.07	-10.5	-79	170
65	2½	67.0	71.5	460	2	0.007	0.07	-10.0	-75	210
75	3	76.0	80.0	525	2	0.007	0.07	-10.0	-75	240
90	3½	91.5	95.0	570	2	0.007	0.07	-9.0	-68	290
100	4	102.5	106.0	635	2	0.007	0.07	-8.0	-60	320
125	5	127.5	131.0	780	2	0.007	0.07	-7.0	-53	380
150	6	152.5	155.0	930	2	0.007	0.07	-6.5	-49	420
175	7	176.5	180.0	1030	2	0.007	0.07	-6.5	-49	510
200	8	202.0	205.0	1240	2	0.007	0.07	-6.0	-45	570
250	10	253.0	256.0	1570	2	0.007	0.07	-4.5	-34	770
300	12	303.5	306.5	2100	2	0.007	0.07	-4.5	-34	920

FLUORO SERIES

ECO SERIES

Hose for foodstuffs

Duct hose

Hose for general suction and deliveries

Hose & Duct for powder and granule

Hose for pressure-resistance and abrasion resistance

Hose for abrasion resistance