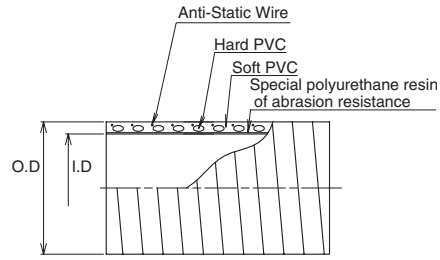
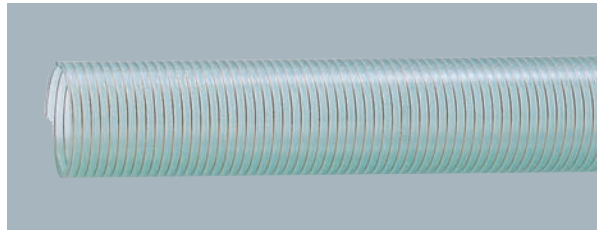


Allowable pressure does not mean the maximum working pressure. In designing the operation, please adopt the working pressure in consideration of the contents described in the table on Page 3.

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 HERAN-CL

Item No.25106-



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	
32	1¼	32.0	41.8	765	20-50	0.40	4.1	300
38	1½	38.0	48.5	910	20-50	0.40	4.1	350
50	2	50.8	61.4	1230	20-50	0.40	4.1	550
65	2½	63.5	76.0	1805	20-50	0.40	4.1	800
75	3	76.2	89.5	2200	20-50	0.40	4.1	850
90	3½	88.9	102.0	2510	20-50	0.30	3.1	1110
100	4	101.6	117.0	3340	20-50	0.30	3.1	1250
125	5	127.3	142.0	4060	20	0.25	2.5	2250
150	6	152.4	169.4	5730	20	0.20	2.0	2750
200	8	203.2	226.4	9960	10	0.20	2.0	4000

※ Ø32 hose to be produced on orders.

Note1. For the assembly of couplings and chemical resistance, please contact us.

Material	Abrasion mass (g)		Abrasion volume (cm ³)	
		Ratio		Ratio
Special polyurethane resin of abrasion resistance	0.232	1	0.219	1
SGP	13.811	60	1.759	8
SUS304 TP	10.083	43	1.271	6

Features.

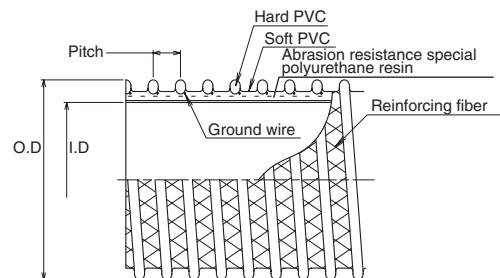
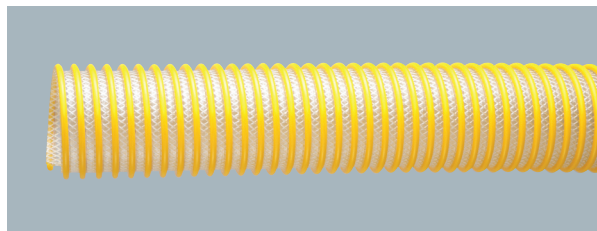
- Abrasion resistance four times as much as TOTAKU HERAN-N.
※ Comparison made in respect of a worn volume during 8 hours from the start of test.
- Transparent wall enables visual check of the material flow.
- Embedded grounding wire gives an excellent antistatic effect.
- With very smooth inner wall, you can get increased flow capacity.

Applications.

- For transportation of slaked lime and activated carbon at garbage incineration plant.
- For transportation of powder, granule, grain or other fine particles where static electricity is apt to be generated.
- For suction and discharge of sintering cement, gravels and iron ore, etc.
※ Not recommendable for transportation of the fluid where the oil content is included.

TOTAKU HERAN ACE

Item No.25107-



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	
100	4	101.6	121.8	16.4	3240	20	0.50	5.1	360
125	5	125.9	152.2	22.0	4530	20	0.50	5.1	540
150	6	152.4	182.4	26.0	6110	20	0.50	5.1	900
200	8	203.7	240.5	28.0	8380	10	0.50	5.1	1050

Features.

- Abrasion resistance four times as much as TOTAKU HERAN-N.
※ Comparison made in respect of a worn volume during 8 hours from the start of test.
- Translucent wall enables visual check of the material flow and easy detection of a clogged portion.
- Light weight and flexible.
- Pressure-resistant performance against maximum allowable pressure of 0.5MPa(5.1kgf/cm²).
- With reinforcing fiber, this hose is quite durable and most suitable for using at the uneven place where the hose is subject to elongation load.
- Embedded grounding wire gives an excellent anti-static effect.

Applications.

- For transportation of slaked lime and activated carbon at garbage incineration plant.
(Specially, recommendable for using at a place where small bending radius is required.)
- For suction of earth and sand in the "shield" construction method.
- For suction and conveyance of crushed stone and ore.
- Hose of damper exclusive use.
※ Not recommendable for transportation of the fluid where the oil content is included.