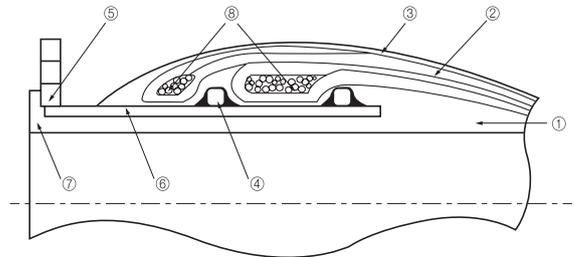


# Dredging Hose



## | Drawing |



- ① Inner Rubber(Synthetic Rubber)
- ② Reinforcement(Wire, Textile)
- ③ Cover(Synthetic Rubber)
- ④ Ring
- ⑤ Flange
- ⑥ Nipple
- ⑦ Sealing Part
- ⑧ Banding Wire

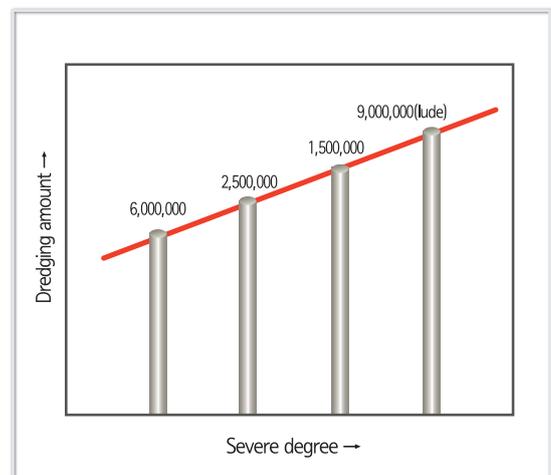
The Flange and the Body part are manufactured by anti-wearing, seawater-resistance, and ozon-resistance with the same quality and designed to be correspondent with in diameter of the pipe.  
 As the metal flange is attached in the both inlets of hose, you can finish the connection just with flange parts of the pipe and bolting work. Moreover as the flange part is consisted to be restrained in the both ends or be restrained and be free, it is a distinctive feature that the bolting work is very easy. This is widely used in large dredger needed high pressure or in the place with severe working condition.

## | Dimension |

Unit : mm

Pipe In DIA.	Hose		PLY VS. Working Pressure					Unit kgf/cm <sup>2</sup>
	In DIA.	Total Length	8	10	15	20	30	
410	410	1200	10	-	-	-	-	PLY
460	460	1300	10	-	-	-	-	PLY
510	510	1400	10	-	-	-	-	PLY
560	560	1500	12	15	-	-	-	PLY
600	600	1500	13	18	-	-	-	PLY
650	650	1600	15	18	-	-	-	PLY
700	700	1700	16	20	22	-	-	PLY
760	760	1900	-	20	24	26	-	PLY
800	800	1900	-	-	25	28	33	PLY
860	860	2000	-	-	27	30	36	PLY
900	900	2000	-	-	30	33	38	PLY

## | Wearing Degree |



- Notes**
1. The specifications except the upper table will be designed and manufactured by the order's conditions.
  2. Above detail dimension of components can be changed depending on owner specification and local environment condition. Detail dimension will be guided by our drawing and specification.

## | Design Pressure |

Metal Flange Type	DP=WP×5 and over
Band Type	DP=WP×5 and over

- DP : Design Pressure
- WP : Working Pressure

## | Critical Bending Degree(10°×L/D) |

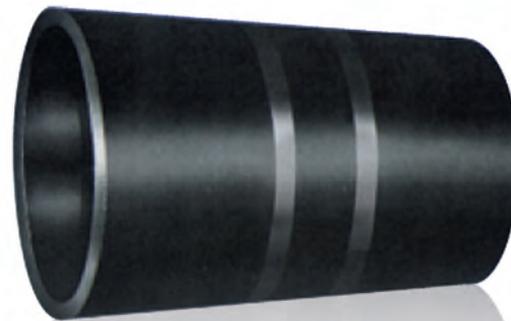
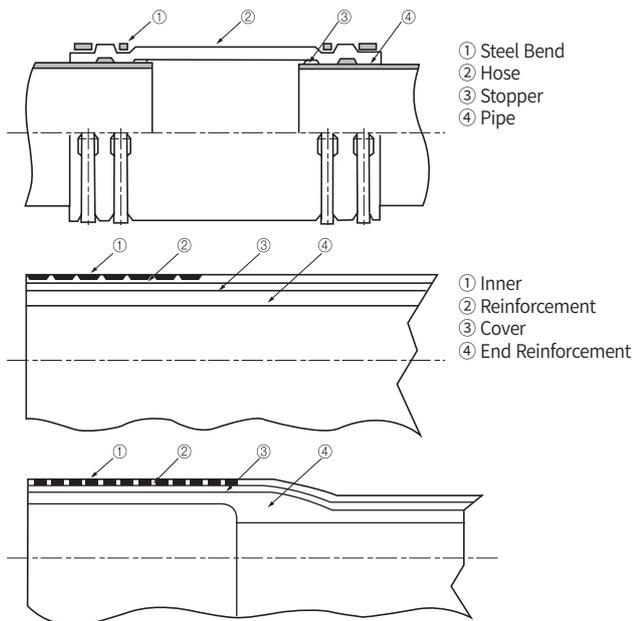
Metal Flange Type	1	2	3
Band Type	10°	20°	30°

- L : The Effective Body Length in Center of Hose
- WP : Indiameter of Hose

# Misc & Accessories

## Straight Type-Band Type

### | Drawing |

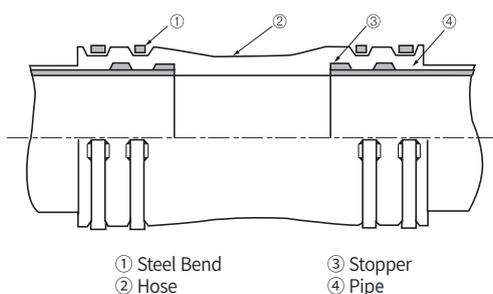


This is shaped as the typical cylinder of bandtype and is cheap price, so will be widely used for small dredger of low pressure.

As the indiameter of sleeve hose is the same with outdiameter of stopper, you must fix by metal band and use when you conjoin them

## Enlarged Type-Band Type

### | Drawing |



This is reformed from the straight type. As the both ends of the sleeve hose are wide, the indiameters of the pipe and hose are agreed. So the fluid stream will be smooth and state of excessive wear partly appeared in the sleeve hose and pipe will be prevented.

### | Dimension |

Unit : mm

Pipe		Hose			PLY VS. Working pressure							Unit				
Nominal Size	In DIA.	Out DIA.	Stopper Out DIA.	In DIA	Overlap Length	Total Length	4	5	6	7	8	10	12	14	kgf/cm <sup>2</sup>	
14B	350	360	378	390	395	200	800	5	6	6	8				PLY	
16B	400	410	428	440	445	200	900	5	6	8	10	10			PLY	
18B	450	460	478	490	495	200	1000		8	8	10	12			PLY	
20B	500	510	528	540	545	250	1100			10	12	14	17		PLY	
22B	550	560	578	590	595	250	1200				12	14	17		PLY	
24B	600	610	634	652	657	300	1300					16	19	23	PLY	
26B	650	660	684	702	707	300	1400					18	21	25	PLY	
28B	700	710	734	754	760	400	1600						23	29	35	PLY

#### Notes

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2. Above detail dimension of components can be changed depending on owner specification and local environment condition. Detail dimension will be guided by our drawing and specification.