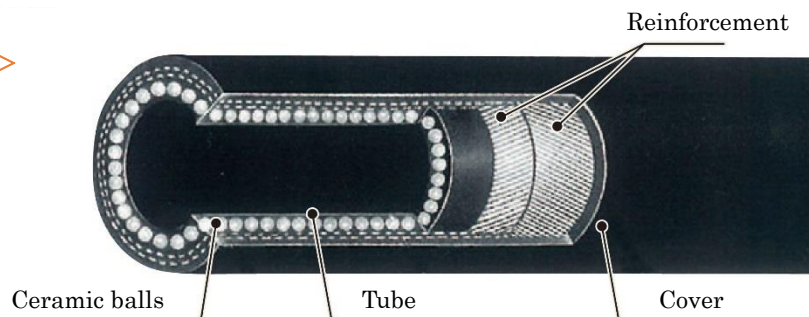


# CERAMIC HOSE

CERAMIC HOSE has a long operating life for highly abrasive piping.

## < Construction >



## ABRASION RESISTANT HOSE CONTAINING CERAMIC BALLS

### < Specifications >

- Fluids : Sand, Steel grit, Cement, Fines such as Iron core, Rocks etc.
- Temperature : -20°C to +80°C
- Appearance : Smooth with texture or bellows with texture

Nominal Size	I.D (mm)	O.D (mm) ※Reference	Reinforcement	Max Working Pressure (MPa)	Min Bend Radius (mm)	Approx. Weight (kg/m)	Max Length (m)		
							BLT type	NPL type	BH type
25	25.4	47.2	2P×1W	1.0	300	1.9	10	10	10
32	31.8	53.6	2P×1W	1.0	380	2.3			
38	38.1	59.9	2P×1W	1.0	480	2.6			
50	50.8	73.4	2P×1W	1.0	600	3.5	20	20	20
65	63.5	89.1	2P×1W	1.0	780	4.9			
75	76.2	102.8	2P×1W	1.0	900	5.9			
90	88.9	116.7	2P×1W	1.0	1,080	7.3			
100	101.6	130.8	2P×1W	1.0	1,200	8.4			
125	127.0	157.4	4P×1W	1.0	1,500	12.0	10	10	—
150	152.4	186.4	4P×1W	1.0	1,800	16.1			
200	200.0	242.2	6P×1W	1.0	2,400	24.8			
250	248.0	292.6	6P×1W	1.0	3,000	33.7	10	10	—
300	298.0	346.2	6P×1W	1.0	3,600	43.0			

※The hose not containing ground wire is its standard specification, but BLT type and BH type containing ground wire can be also manufactured.

※Nominal size under 200 of BLT type can be manufactured up to max working pressure 2.0MPa.

※Approx. Weight indicates hose only, not included the weight of couplings.

# SAND BRAST HOSE CONTAINING CERAMIC BALLS

## <Specifications>

- Fluids : Fines such as sand
- Temperature : -20°C to +80°C
- Appearance : Smooth with texture

Nominal Size	I.D (mm)	O.D (mm) ※Reference	Rein-forcement	Max Working Pressure (MPa)	Min Bend Radius (mm)	Approx. Weight (kg/m)	Max Length (m)
							BH type
19	19.1	38.5	2P	0.7	300	1.3	10
25	25.4	43.0	2P	0.7	400	1.4	
32	31.8	49.2	2P	0.7	510	1.7	
38	38.1	55.5	2P	0.7	640	1.9	20
50	50.8	70.0	2P	0.7	800	2.6	
65	63.5	83.5	4P	0.7	1,040	3.5	
75	76.2	96.2	4P	0.7	1,200	3.8	
100	101.6	126.0	6P	0.7	1,600	5.8	

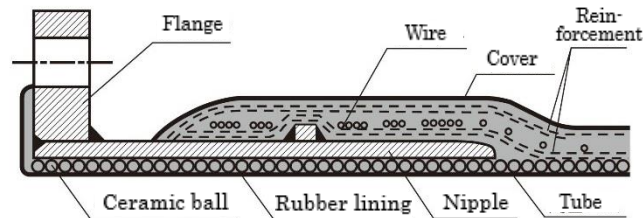
※The hose containing ground wire is its standard specification.

※Approx. Weight indicates hose only, not included the weight of couplings.

## <Shapes of the hose end>

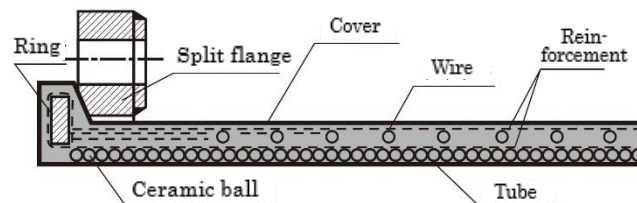
- Please select a shape of the hose end depending on fluids or connection methods.  
(Sand blast hose containing ceramic balls is manufactured BH type only.)

### BLT type



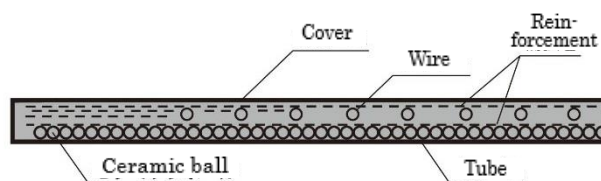
Inner part of the coupling is rubber lined to reduce an abrasion of the nipple by fluid. Fixed flange and loose flange are provided.

### NPL type



The nipple is not required because the hose end is reinforced strongly by the ring. Free rotation split flange is suited to connect to the short piping.

### BH type



This type is used in general hoses. The shape of the hose end is easy to handle when the hose is inserted and connected to the low pressure piping or Takenoko-joint.

※Insertion part of the coupling can be also manufactured without ceramic balls



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