



CV. JAYA MAJU MANDIRI

Industrial Rubber Hose & Accessories



ORAYFLEX **BESTFLEX** **MONDEA**



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"connecting the flow"

We proud to be pointed as Vendor with perfect products through the best technology and production processes and best prices.

ORAYFLEX

BESTFLEX

VISION

To become the most preferred Business Partner in Industrial company we serve. By effectively collaborated with our Principle and deep understanding of our customer requirements.

MISSION

We strive to provide our customer with premium products and service that enhance reliable solution. We seek challenge and more effective way to serve our customer. Stimulate growth and set new standart of excellence in the industry.

Our products are widely distributed in the following industries :

- Cement plants
- Refineries and petrochemical
- Food industries
- Pharmaceuticals
- Glasses and plastics manufactures
- Oil and gas
- Mining, quarrying and drilling
- Pulp and papper mills
- Synthetic fiber and textile manufactures
- And others manufactures



MANDREL BUILT HOSE & PVC HOSE

OSD : Oil Suction Hose

ODH : Oil Discharge Hose

CSD : Cement Suction Hose

CDH : Cement Discharge Hose

WSD : Water Suction Hose

WDH : Water Discharge Hose

XLPE : Chemical Suction Hose

UHMW : Chemical Hose

FOM : Food Master Hose

STE : Steam Hose

SBH : Sand Blasting Hose

FLD : Floating Dredging Hose

FLO : Floating Oil Hose

FMH : Flexible Metal Hose 55304

PVC : Spring Transparent Hose, Spiral Hose

OUR VALUES : Fast Response | Good Service | Speed & Accuracy



Built-in Model



Press Crimping Model



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OSD250 - OIL SUCTION HOSE

ID		OD		Max. Working Pressure		Length
inch	mm	inch	mm	bar	psi	meter
1	25	1.50	37	17	250	60
1 ½	38	2.00	50	17	250	60
2	51	2.50	65	17	250	60
2 ½	63.5	3.00	77.5	17	250	60
3	76	3.52	90	17	250	60
3 ½	90	4.13	104	17	250	60
4	102	4.80	118	17	250	60
5	127	5.86	145	17	250	30
6	153	7.00	176	17	250	30
8	203	9.12	228	17	250	30

- Application** : Excellent recommended for use as tank truck or tank wagon suction and discharge hose. Designed uses for a wide range of petroleum products up to 30% aromatic content. It stand for the full vacuum
- Cover** : Black, ozone, smooth (wrapped finish) high grade chloroprene rubber compound for excellent resistance to weather, abrasion and oil
- Reinforcement** : High tensile synthetic cord with dual helix wire
- Tube** : Black, smooth, nitrile rubber compound
- Temperature** : -15 °C to 70 °C (+5 °F to +158 °F)



ODH250 - OIL DISCHARGE HOSE

ID		OD		Max. Working Pressure		Length
inch	mm	inch	mm	bar	psi	meter
1	25	1.50	38	17	250	60
1 ½	38	2.00	51	17	250	60
2	51	2.50	65	17	250	60
2 ½	63.5	3.00	77.5	17	250	60
3	76	3.52	91	17	250	60
3 ½	90	4.13	105	17	250	60
4	102	4.80	122	17	250	60
5	127	5.86	150	17	250	30
6	153	7.00	176	17	250	30

- Application** : Excellent recommended for use as tank truck or tank wagon discharge hose. Also used for delivery and transfer a wide range of petroleum products up to 30% aromatic content
- Cover** : Black, ozone, smooth (wrapped finish) high grade chloroprene rubber compound for excellent resistance to weather, abrasion and oil
- Reinforcement** : Multi layers high tensile synthetic cord
- Tube** : Black, smooth, nitrile rubber compound
- Temperature** : -15 °C to 70 °C (+5 °F to +158 °F)

*** Other size, pressure ratings and colours are available on request*



CSD150 - CEMENT SUCTION HOSE

ID		OD		Max. Working Pressure		Length
inch	mm	inch	Mm	bar	psi	meter
3	76	3.50	93	10	150	60
4	102	4.65	122	10	150	60
5	127	5.70	150	10	150	30
6	153	6.80	179	10	150	30

- Application** : Bulk material handling hose, use to convey cement, sand gravel, silica and other abrasive material, it is manufactured with anti static rubber, granting a complete discharge of static electricity
- Cover** : Black, smooth abrasion resistant synthetic rubber
- Reinforcement** : High tensile synthetic cord with dual helix wire and anti-static copper wire
- Tube** : Black, smooth compound for long wear resistant in handling hard, sharp, abrasive material and anti-static
- Temperature** : -40 °C to 85 °C (-40 °F to 185 °F)

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CDH150 - CEMENT DISCHARGE HOSE

ID		OD		Max. Working Pressure		Length
inch	mm	inch	Mm	bar	psi	meter
3	76	3.52	94	10	150	60
4	102	4.80	124	10	150	60
5	127	5.86	153	10	150	30
6	153	7.00	181	10	150	30

- Application** : Bulk material handling hose, use to convey cement, sand gravel, silica and other abrasive material, it is manufactured with anti static rubber, granting a complete discharge of static electricity
- Cover** : Black, smooth abrasion resistant synthetic rubber
- Reinforcement** : High tensile synthetic cord
- Tube** : Black, smooth compound for long wear resistant in handling hard, sharp, abrasive material and anti-static
- Temperature** : -40 °C to 85 °C (-40 °F to 185 °F)

*** Other size, pressure ratings and colours are available on request*



WSD150 - WATER SUCTION HOSE

ID		OD		Max. Working Pressure		Length
inch	mm	inch	mm	bar	psi	meter
1	25	1.37	35	10	150	60
1 ½	38	1.89	48	10	150	60
2	51	2.48	63	10	150	60
2 ½	63.5	3.00	76.5	10	150	60
3	76	3.50	89	10	150	60
3 ½	90	4.05	103	10	150	60
4	102	4.65	118	10	150	60
5	127	5.70	145	10	150	30
6	153	6.80	173	10	150	30

- Application : For Medium-duty water suction and discharge service.
Use in construction sites, industrial plants, agriculture and mines. It stands for full vacuum
- Cover : Black, abrasion weather and ozone resistant, smooth SBR rubber
- Reinforcement : High tensile synthetic cord with dual helix wire
- Tube : Black, smooth, SBR Rubber
- Temperature : -15 °C to 70 °C (5 °F to 158 °F)



WSD150 - WATER DISCHARGE HOSE

ID		OD		Max. Working Pressure		Length
inch	mm	inch	mm	bar	psi	meter
1	25	1.37	35	10	150	60
1 ½	38	1.89	48	10	150	60
2	51	2.48	63	10	150	60
2 ½	63.5	3.00	76.5	10	150	60
3	76	3.50	89	10	150	60
3 ½	90	4.05	103	10	150	60
4	102	4.65	118	10	150	60
5	127	5.70	145	10	150	30
6	153	6.80	173	10	150	30

- Application : For Medium-duty water suction and discharge service. Use in construction sites, industrial plants, agriculture and mines.
- Cover : Black, abrasion weather and ozone resistant, smooth SBR rubber
- Reinforcement : High tensile synthetic cord
- Tube : Black, smooth, SBR Rubber
- Temperature : -15 °C to 70 °C (5 °F to 158 °F)

*** Other size, pressure ratings and colours are available on request*



XLPE150 - CHEMICAL SUCTION HOSE

ID		OD		Max. Working Pressure		Length
inch	mm	inch	mm	bar	Psi	meter
½	19	1.50	30	10	150	60
1	25	2.00	38	10	150	60
1 ¼	38	2.50	44	10	150	60
1 ½	42	3.00	51	10	150	60
2	51	3.52	65	10	150	60
2 ½	63.5	4.13	78	10	150	60
3	76	4.80	92	10	150	60
4	102	5.86	118	10	150	60

- Application** : Designed to handle a wide variety of chemical and solvents approx. 90% ; Chemical Refineries, Chemical Trucks and Chemical Tankers
- Cover** : Green EPDM Formulated for ozone and chemical resistant
- Reinforcement** : Multi layers high tensile synthetic cord with dual helix wire
- Tube** : Cross-linked Polyethylene (XLPE)
- Temperature** : -40 °C to 100 °C (-40 °F to 212 °F)



UHMW150 - CHEMICAL SUCTION HOSE

ID		OD		Max. Working Pressure		Length
inch	mm	inch	mm	bar	psi	meter
½	19	1.50	30	10	150	60
1	25	2.00	38	10	150	60
1 ¼	38	2.50	44	10	150	60
1 ½	42	3.00	51	10	150	60
2	51	3.52	65	10	150	60
2 ½	63.5	4.13	78	10	150	60
3	76	4.80	92	10	150	60
4	102	5.86	118	10	150	60

- Application** : Designed to handle approx. 98% wide variety of chemicals, solvents and corrosive liquids in both pressure and suction service : Chemical Refineries, Chemical Trucks and Chemical Tankers
- Cover** : Blue EPDM Formulated for ozone and chemical resistant
- Reinforcement** : Multi layers high tensile synthetic cord with dual helix wire
- Tube** : Ultra High Molecular Weight Polyethylene (UHMW PE)
- Temperature** : -40 °C to 70 °C (-40 °F to 158 °F)

*** Other size, pressure ratings and colours are available on request*



FOM150 - FOOD MASTER HOSE

ID		OD		Max. Working Pressure		Length
inch	mm	inch	mm	bar	psi	meter
1/4	19	1.00	25	10	150	60
1	25	1.50	38	10	150	60
1 1/4	38	2.00	51	10	150	60
2	51	2.50	65	10	150	60
2 1/4	63.5	3.00	77.5	10	150	60
3	76	3.52	91	10	150	60
3 1/4	90	4.13	105	10	150	60
4	102	4.80	122	10	150	60
5	127	5.86	150	10	150	30
6	153	7.00	176	10	150	30

- Application : A quality nontoxic hose for handling variety of food products. For discharge and suction service up to 150 psi.
- Cover : Blue SBR Formulated for ozone and with white layline
- Reinforcement : Multi layers high tensile synthetic cord with dual helix wire
- Tube : White natural rubber
- Temperature : -40 °C to 125 °C (-40 °F to 257 °F)



STE150 - STEAM SUCTION HOSE

ID		OD		Max. Working Pressure		Length
inch	mm	inch	mm	bar	psi	meter
1	25	1.37	35	10	150	60
1 1/4	38	1.89	48	10	150	60
2	51	2.48	63	10	150	60
2 1/4	63.5	3.00	76.5	10	150	60
3	76	3.50	89	10	150	60
3 1/4	90	4.05	103	10	150	60
4	102	4.65	118	10	150	60
5	127	5.70	145	10	150	30
6	153	6.80	173	10	150	30

- Application : Used for cleaning, heat control, fire preventing, pumping, thawing, blowout service, steam pumps and hot tar delivery hose
- Cover : Black/red, abrasion weather and ozone resistant, smooth EPDM rubber
- Reinforcement : High tensile synthetic cord with dual helix wire
- Tube : Black, smooth, EPDM Rubber
- Temperature : 0 °C to 215 °C (0 °F to 425 °F)

*** Other size, pressure ratings and colours are available on request*



AH150 - AIR HOSE

ID		OD		Max. Working Pressure		Length
inch	mm	inch	mm	bar	psi	meter
1	25	1.50	38	10	150	60
1 ½	38	2.00	51	10	150	60
2	51	2.50	65	10	150	60
2 ½	63.5	3.00	77.5	10	150	60
3	76	3.52	91	10	150	60
3 ½	90	4.13	105	10	150	60
4	102	4.80	122	10	150	60
5	127	5.86	150	10	150	30
6	153	7.00	176	10	150	30

- Application : General purpose air hose, engineered for medium application
- Cover : Black, ozone, smooth (wrapped finish) high grade chloroprene rubber compound for excellent resistance to weather
- Reinforcement : Multi layers high tensile synthetic cord
- Tube : Black, smooth, nitrile rubber compound
- Temperature : -15 °C to 70 °C (+5 °F to +158 °F)



SBH460 - SAND BLASTING HOSE

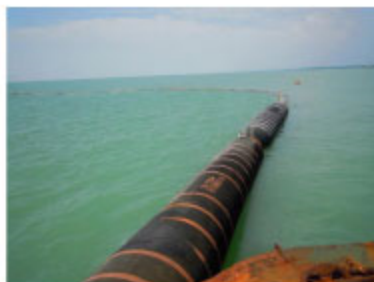
ID		Max. Working Pressure		Bursting Pressure		Length
inch	mm	bar	psi	bar	Psi	meter
1	25	10	150	45	460	60
1 ½	32	10	150	45	460	60
1 ½	38	10	150	45	460	60
2	51	10	150	45	460	60

- Application : A long lasting heavy duty hose exceptionally tough and abrasion resistant for use in sand and steel blasting service. It is manufactured with anti-static rubber, granting a complete discharge of static electricity
- Cover : Black, smooth (wrapped finish) highly abrasion resistant synthetic rubber
- Reinforcement : High strength synthetic cord
- Tube : Black, smooth with excellent resistant synthetic rubber
- Temperature : -40 °C to 85 °C

*** Other size, pressure ratings and colours are available on request*



ORAYFLEX



Application

: Floating Dredging Hose (FLD)

Designed for **abrasive material transfer applications** and equipped with extra abrasion resistant lining, it use for suck and discharge the silt, slurry, sand and stone which deposited in the waterway. Commonly used in part of the construction process of docks and ports.

: Floating Oil Hose (FLO)

Provides a mean to safely **transfer crude oil & liquid petroleum products** from fixed offshore installations to shuttle tankers. The hose range includes submarine and floating type hoses, in configurations to suit various loading facilities and installations worldwide.

It is equipped with high performance oil & weather resistant material in order to ensure a long lifetime.

Cover

: CR synthetic rubber

Reinforcement

: High tensile strength fabrics with helix steel wire, Independent foam

Tube

: Excellent abrasion resistant NR/SBR synthetic rubber

Temperature

: -25°C to +80°C (-13°F to +176°F)

ID		W.P.	B.P.	Wear Layer Thickness	Cover Thickness	Length
Inch	mm	bar	bar	mm	mm	m
6	150	10	15-30	10-20	8-12	11.8
8	200	10	15-30	10-20	8-12	11.8
10	250	10	15-30	10-20	8-12	11.8
12	300	20	30-60	12-25	10-15	11.8
14	350	20	30-60	12-25	10-15	11.8
16	400	20	30-60	12-25	10-15	11.8
18	450	20	30-60	12-25	10-15	11.8
20	500	20	30-60	12-25	10-15	11.8
24	600	20	45-60	20-30	12-15	11.8

**Size up to 40" and available custom pressure rating*



FLEXIBLE METAL HOSE



Flexible Metal Hose with Nylon Rope

- Application : Used for transfer oil, palm oil, hot water, chemical liquid, acid material, food & beverage, etc
- Material : SS304
- Cover : SS304 Braided
- Connection : Flange, Water Mur, NPT Thread, Sanitary Coupling, Camlock
- Working Temp. : Up to 200 DegC

ID	W.P	Length
inch	bar	m
½ to 24	10 -20	By Request



PTFE HOSE



- Application : Used for transfer oil, palm oil, hot water, chemical liquid, acid material, food & beverage, etc
- Material : PTFE
- Cover : SS304 Braided
- Connection : Flange, Water Mur, NPT Thread, Sanitary Coupling, Camlock
- Working Temp. : Up to 200 DegC

ID	W.P	Length
inch	bar	m
½ to 24	10	By Request



SPRING HOSE (SELANG KAWAT)

MONDEA Spring Hose



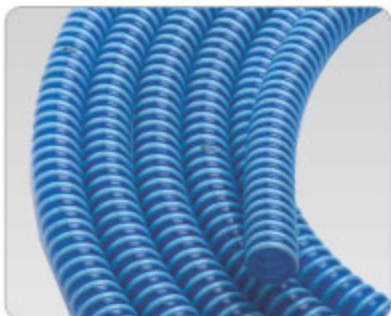
ID		OD		Max. Working Pressure		Length
inch	mm	inch	mm	bar	psi	meter
1	25	0.98	25	7	100	100
1 1/4	32	1.57	40	7	100	50
1 1/2	38	1.81	46	7	100	50
1 3/4	45	2.17	55	7	100	50
2	50	2.36	60	7	100	50
2 1/2	63	2.95	75	7	100	50
3	76	3.50	89	7	100	30
4	102	4.49	114	7	100	30

- Application : Widely used for sucking or discharging of water, oil, weak chemicals and powders in industry, agriculture, factory, etc
- Cover : Transapant PVC (with blue and orange stripe)
- Reinforcement : Steel helix wire
- Tube : Transapant PVC
- Temperature : -5 °C to 60 °C (23 °F to 140 °F)



SPIRAL HOSE

TRILLIUM Spiral Hose



ID	Length
inch	meter
1	50
1 1/4	50
1 1/2	50
1 3/4	50
2	50
2 1/2	50
2 3/4	59

ID	Length
inch	meter
3	50
3 1/2	25
4	25
4 1/2	25
5	20
6	20
8	6

- Application : Suitable for suction water, slurry, sewage, some solids and granulated, and gases in agriculture, industry and construction.
- Cover : Transapant PVC (with blue and orange stripe)
- Reinforcement : Blue rigid PVC Reinforced
- Tube : Transapant PVC
- Temperature : -5 °C to 60 °C (23 °F to 140 °F)

SIZE
Inch
3/8
1/2
1
1 1/4
1 1/2
2
2 1/2
3
4
5
6
8

TYPE : A

Male Adapter X Female Thread
Material : AL / SS316 / PP / Brass



SIZE
Inch
3/8
1/2
1
1 1/4
1 1/2
2
2 1/2
3
4
5
6
8

TYPE : B

Female Coupler X Male Thread
Material : AL / SS316 / PP / Brass



SIZE
Inch
3/8
1/2
1
1 1/4
1 1/2
2
2 1/2
3
4
5
6
8

TYPE : C

Female Adapter X Hose Shank
Material : AL / SS316 / PP / Brass



SIZE
Inch
3/8
1/2
1
1 1/4
1 1/2
2
2 1/2
3
4
5
6
8

TYPE : D

Female Coupler X Female Thread
Material : AL / SS316 / PP / Brass



SIZE
Inch
3/8
1/2
1
1 1/4
1 1/2
2
2 1/2
3
4
5
6
8

TYPE : E

Male Coupler X Hose Shank
Material : AL / SS316 / PP / Brass



SIZE
Inch
3/8
1/2
1
1 1/4
1 1/2
2
2 1/2
3
4
5
6
8

TYPE : F

Male Adapter X Male Thread
Material : AL / SS316 / PP / Brass



SIZE
Inch
3/8
1/2
1
1 1/4
1 1/2
2
2 1/2
3
4
5
6
8

TYPE : DC

Dust Cap
Material : AL / SS316 / PP / Brass



SIZE
Inch
3/8
1/2
1
1 1/4
1 1/2
2
2 1/2
3
4
5
6
8

TYPE : DP

Dust Plug
Material : AL / SS316 / PP / Brass



Size	Range (mm)
SL-22	20-22
SL-29	22-29
SL-34	29-34
SL-40	34-40
SL-49	40-49
SL-60	49-60
SL-76	60-76
SL-94	76-94
SL-115	94-115
SL-400	90-100
SL-463	96-103
SL-525	100-125
SL-550	125-150
SL-600	130-144
SL-675	150-175
SL-769	175-200
SL-818	200-225
SL-875	208-225
SL-988	225-250
SL-1125	250-300
SL-1127	300-350

Double Bolt Clamp

Material : Cast Iron



Size (mm)	
17-19	80-85
20-22	86-91
23-25	92-97
26-28	98-103
29-31	104-112
32-35	113-121
36-39	122-130
40-43	131-139
44-47	140-148
48-51	149-161
52-55	162-174
56-59	175-187
60-63	188-200
64-67	201-213
68-73	214-226
74-79	

Single Bolt Clamp

Material : SS 304, Cast Iron, Bronze



SIZE
inch
3/8
1/2
1
1 1/4
1 1/2
2
2 1/2
3
4
5
6
8

King Nipple Combination & Hose Mender

Material : Cast Iron



SIZE
inch
4 x 4
4 x 3
6 x 4

Gravity Coupler

Material : AL



FLANGE : ANSI / JIS / PN

Material : Carbon Steel, SS316



Welding Neck Flange



Threaded Flange



Slip-On Flange



Socket Weld Flange

Type	Range
ANSI	150 / 300 / 400 / 600 / 900 / 1500 / 2500
JIS	2K / 5K / 10K / 16K / 20K / 40K / 63K
PN	1 / 2.5 / 6 / 10 / 16 / 25 / 40 / 64 / 100 / 160 / 250 / 320 / 400



Lap Joint Flange



Blind Flange



Orifice Flange and Plate



Spectacle Blind

