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DELTA JAYA MAS

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TAGLINE / PARTNERSHIP / HOSE STRUCTURE

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DRIVING THE FLOW

We proud to be pointed as hose manufacturer with perfect products through the best technology and production processes and best prices. mondea which consider more 1% of incomplection than 99% of satisfaction excels in trust and royalty of customers.

We'll meet customers with careful concern which does not forget 1% of convenience as well as 99% of satisfaction. Our goal is to reach 100% customer satisfaction by providing perfect products through the best technology and production processes and by valuing the promise with customers.

Partnership

With a workforce of 500, PT Delta Jaya Mas is a group of energetic, forward thinking and hardworking professionals who is committed to producing high quality industrial hoses. Over the years, we have exported our hoses to the United States of America, South America, Canada, Italy, France, Spain, Germany, the Middle East, Korea, Singapore, Malaysia, Vietnam and Australia. As such, we have sample experiences to recommend and produce the most suitable hoses required in specific region.



Industrial Hose Structure

Reinforcement

Also knows as the body, is the strength reinforcement member of hose which prevents the tube from bursting. It is comprised of synthetic textiles plied, spiralled or braided depending upon service requirement. The carcass also serves to increase heat resistance and provide a shield againts internal kinkingor external damage.

Tube

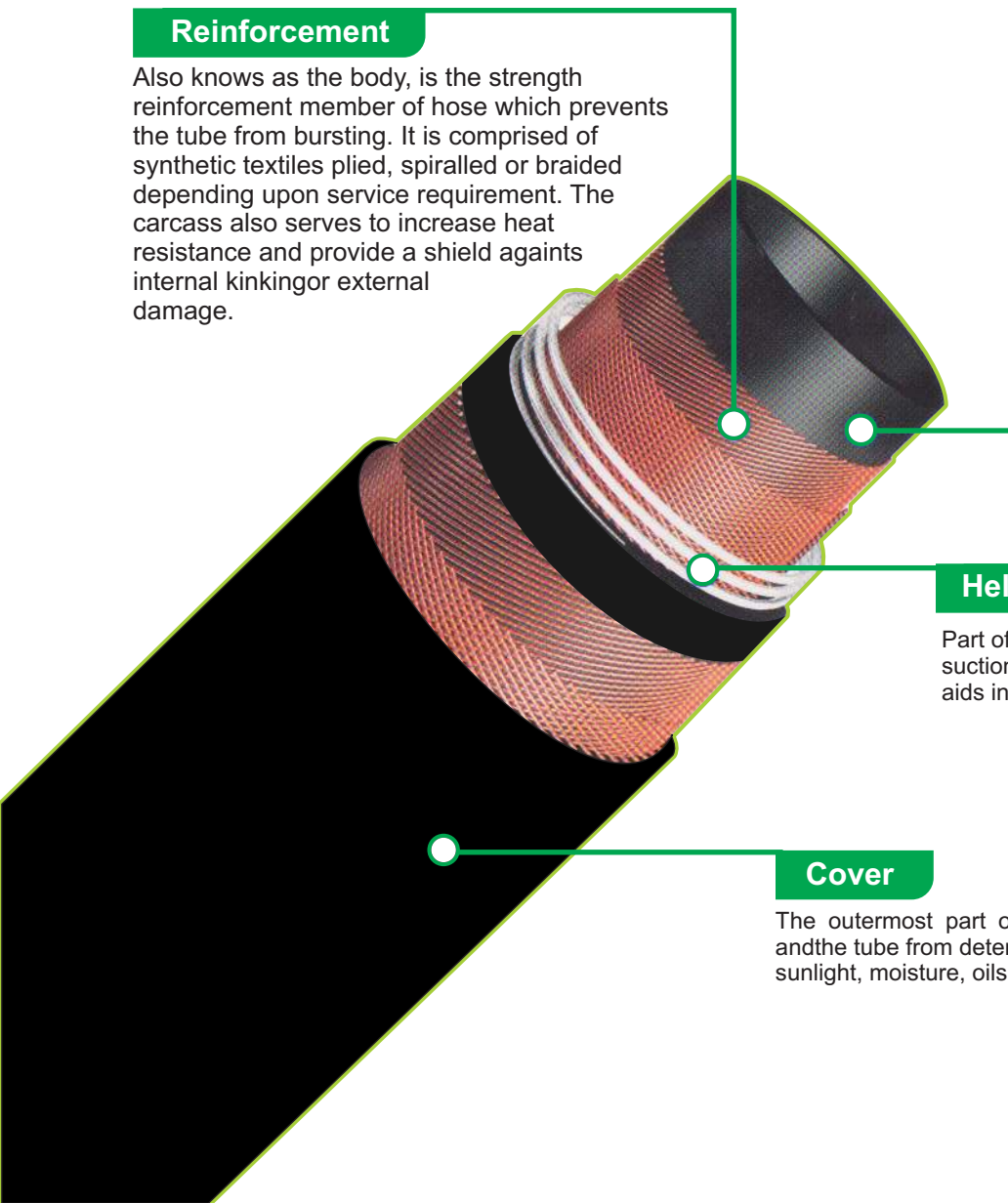
The innermost part of the hose. It is compriose of rubber or other elastomer designed to carry specific materials, whethey are liquid or gas, without allowing the material to escape or adversely affect itself.

Helix Wire

Part of hose carcass when conditions call for suction or vacuum service.the helical wire also aids in making hose kink and crush resistant.

Cover

The outermost part of the hose used to protect the carcass andthe tube from deterioration caused by abraision, temperature, sunlight, moisture, oils, weathering and corrosion.





MANDREL BUILT HOSES

INDUSTRIAL RUBBER HOSE

OIL & FUEL HOSE 

AIR & WATER HOSE 

MATERIAL HANDLING HOSE 

DREDGING HOSE 

CHEMICAL HOSE 

GAS HOSE 

OTHERS 

FLOATING HOSE 



Oil & Fuel Hose

OIL SUCTION / DISCHARGE HOSE

APPLICATION/USE

- Application : The industry standard for tank truck, in-plant operations to transfer gasoline, oil and other petroleum base products up to 50% aromatic content.
- Tube : Black Nitrile synthetic rubber RMA class A (High Oil Resistance)
- Reinforcement : Spiral-plyed synthetic fabric with helix wire
- Cover : Black abrasion, oil, weather & ozone resistant rubber (Flat cover)
- Feature : Meets USCG 33 CFR 154.500

Temperature Range	-20°F to 180°F (-30°C to 80°C)
Safety Factor	4 : 1
Vacuum	737mmHg / 29inHg
Branding	MONDEA OIL SUCTION / DISCHARGE HOSE



PART No.	ID		OD		MAX. WORK PRESSURE		STANDART LENGTH		BENDING RADIUS		APPROX WEIGHT	
	in	mm	in	mm	psi	bar	(M)	(FT)	in	mm	(lbs/ft)	(Kg/m)
025OSD10	1	25	1.46	37	150	10	60	200	6	150	0.59	0.875
032OSD10	1.1/4	32	1.73	44	150	10	60	200	8	200	0.74	1.098
038OSD10	1.1/2	38	1.97	50	150	10	60	200	12	300	0.85	1.270
045OSD10	1.3/4	45	2.28	58	150	10	60	200	14	350	1.14	1.694
051OSD10	2	51	2.56	65	150	10	60	200	16	400	1.38	2.053
063OSD10	2.1/2	63	3.03	77	150	10	60	200	18	450	1.64	2.441
076OSD10	3	76	3.62	92	150	10	60	200	20	500	2.27	3.382
089OSD10	3.1/2	89	4.13	105	150	10	60	200	24	600	2.69	4.013
102OSD10	4	102	4.76	121	150	10	60	200	28	700	3.61	5.386
114OSD10	4.1/2	114	5.20	132	150	10	60	200	33	850	3.78	5.637
127OSD10	5	127	5.75	146	150	10	60	200	39	1000	4.43	6.603
152OSD10	6	152	6.85	174	150	10	30	100	47	1200	6.22	9.274
204OSD10	8	204	9.06	230	150	10	30	100	63	1600	9.49	14.144
254OSD10	10	254	11.22	285	150	10	12	40	79	2000	15.24	22.709
305OSD10	12	305	13.46	342	150	10	12	40	94	2400	22.18	33.052
355OSD10	14	355	15.63	397	150	10	12	40	110	2800	29.73	44.305
025OSD20	1.00	25	1.50	38	300	20	60	200	6	150	0.65	0.970
032OSD20	1.25	32	1.77	45	300	20	60	200	8	200	0.81	1.210
038OSD20	1.50	38	2.01	51	300	20	60	200	12	300	0.94	1.397
045OSD20	1.77	45	2.36	60	300	20	60	200	14	350	1.40	2.097
051OSD20	2.00	51	2.64	67	300	20	60	200	16	400	1.67	2.491
063OSD20	2.50	63	3.07	78	300	20	60	200	18	450	1.85	2.757
076OSD20	3.00	76	3.70	94	300	20	60	200	20	500	2.45	3.655
089OSD20	3.50	89	4.29	109	300	20	60	200	24	600	3.23	4.818
102OSD20	4.00	102	4.88	124	300	20	60	200	28	700	4.25	6.331
114OSD20	4.50	114	5.35	136	300	20	60	200	33	850	4.70	6.999
127OSD20	5.00	127	5.94	151	300	20	60	200	39	1000	5.60	8.421
152OSD20	6.00	152	7.13	181	300	20	30	100	47	1200	8.00	11.915
204OSD20	8.00	204	9.33	237	300	20	30	100	63	1600	12.34	18.391
254OSD20	10.00	254	11.57	294	300	20	12	40	79	2000	19.84	29.023
305OSD20	12.00	305	13.90	353	300	20	12	40	94	2400	28.39	42.308
355OSD20	14.00	355	16.14	410	300	20	12	40	110	2800	38.33	57.119

Max diameter available : up to 30"

* Please contact us if you should require sizes / lengths or specifications other than the ones indicated above



OIL & FUEL HOSE

TANK TRUCK HOSE

APPLICATION/USE

- Application : The industry standart for tank truck, in-plant operations to transfer gasoline, oil and other petroleum base products under pressure or full suction where maximum flexibility is needed.
- Tube : Black Nitrile synthetic rubber RMA class A (High Oil Resistance)
- Reinforcement : Spiral-plyed synthetic fabric with dual helix wire
- Cover : Black (or Red) abrasion, oil, weather & ozone resistant rubber (Corrugated cover)
- Feature : Meets USCG 33 CFR 154.500

Temperature Range	-20°F to 180°F (-30°C to 80°C)
Safety Factor	4 : 1
Vacuum	737mmHg / 29inHg
Branding	MONDEA TANK TRUCK HOSE



PART No.	ID		OD		MAX. WORK PRESSURE		STANDART LENGTH		BENDING RADIUS		APPROX WEIGHT	
	in	mm	in	mm	psi	bar	(M)	(FT)	in	mm	(lbs/ft)	(Kg/m)
025TT10	1	25	1.46	37	150	10	60	200	6	150	0.59	0.88
032TT10	1.1/4	32	1.73	44	150	10	60	200	8	200	0.74	1.10
038TT10	1.1/2	38	1.97	50	150	10	60	200	12	300	0.85	1.27
045TT10	1.3/4	45	2.28	58	150	10	60	200	14	350	1.14	1.69
051TT10	2	51	2.56	65	150	10	60	200	16	400	1.38	2.05
063TT10	2.1/2	63	3.03	77	150	10	60	200	18	450	1.64	2.44
076TT10	3	76	3.62	92	150	10	60	200	20	500	2.27	3.38
080TT10	3.1/2	80	3.78	96	150	10	60	200	22	550	2.44	3.64
089TT10	4	89	4.13	105	150	10	60	200	24	600	2.69	4.01
102TT10	4.1/2	102	4.76	121	150	10	60	200	28	700	3.61	5.39
127TT10	5	127	5.75	146	150	10	60	200	39	1000	4.43	6.60
152TT10	6	152	6.85	174	150	10	30	100	47	1200	6.22	9.27
204TT10	8	204	9.06	230	150	10	30	100	63	1600	9.49	14.14
254TT10	10	254	11.22	285	150	10	12	40	79	2000	15.24	22.71
305TT10	12	305	13.46	342	150	10	12	40	94	2400	22.18	33.05
355TT10	14	355	15.63	397	150	10	12	40	110	2800	29.73	44.31
025TT20	1	25	1.50	38	300	20	60	200	6	150	0.65	0.970
032TT20	1.1/4	32	1.77	45	300	20	60	200	8	200	0.81	1.210
038TT20	1.1/2	38	2.01	51	300	20	60	200	12	300	0.94	1.397
045TT20	1.3/4	45	2.36	60	300	20	60	200	14	350	1.40	2.097
051TT20	2	51	2.64	67	300	20	60	200	16	400	1.67	2.491
063TT20	2.1/2	63	3.07	78	300	20	60	200	18	450	1.85	2.757
076TT20	3	76	3.70	94	300	20	60	200	20	500	2.45	3.655
089TT20	3.1/2	89	4.29	109	300	20	60	200	24	600	3.23	4.818
102TT20	4	102	4.88	124	300	20	60	200	28	700	4.25	6.331
114TT20	4.1/2	114	5.35	136	300	20	60	200	33	850	4.70	6.999
127TT20	5	127	5.94	151	300	20	60	200	39	1000	5.60	8.421
152TT20	6	152	7.13	181	300	20	30	100	47	1200	8.00	11.915
204TT20	8	204	9.33	237	300	20	30	100	63	1600	12.34	18.391
254TT20	10	254	11.57	294	300	20	12	40	79	2000	19.84	29.023
305TT20	12	305	13.90	353	300	20	12	40	94	2400	28.39	42.308
355TT20	14	355	16.14	410	300	20	12	40	110	2800	38.33	57.119

Max diameter available : up to 30"

* Please contact us if you should require sizes / lengths or specifications other than the ones indicated above



Oil & Fuel Hose

OIL DELIVERY HOSE

APPLICATION/USE

- Application : The hose is for the discharge of gasoline, oil and other petroleum based products on tank and docks
- Tube : Black Nitrile RMA class A compound (high oil resistance)
- Reinforcement : Spiral-plied synthetic fabric with static wire
- Cover : Abrasion, oil, weather & ozone resistant compound
- Feature : Meets USCG 33 CFR 154.500

Temperature	-20°F to 180°F (-30°C to 80°C)
Safety Factor	4 : 1
Branding	MONDEA Oil Delivery Hose



PART No.	ID		OD		MAX. WORK PRESSURE		STANDART LENGTH		BENDING RADIUS		APPROX WEIGHT	
	in	mm	in	mm	psi	bar	(M)	(FT)	in	mm	(lbs/ft)	(Kg/m)
025ODH10	1	25	1.38	35	150	10	60	200	10	250	0.43	0.63
032ODH10	1.1/4	32	1.65	42	150	10	60	200	13	320	0.53	0.78
038ODH10	1.1/2	38	1.89	48	150	10	60	200	15	380	0.61	0.91
045ODH10	1.3/4	45	2.17	55	150	10	60	200	18	450	0.71	1.06
051ODH10	2	51	2.45	62	150	10	60	200	20	500	0.89	1.33
063ODH10	2.1/2	63	3.92	74	150	10	60	200	26	650	1.08	1.61
076ODH10	3	76	3.51	89	150	10	60	200	28	700	1.38	2.06
089ODH10	3.1/2	89	4.02	102	150	10	60	200	35	900	1.62	2.41
102ODH10	4	102	5.65	118	150	10	60	200	39	1000	2.29	3.42
114ODH10	4.1/2	114	5.07	129	150	10	60	200	47	1200	2.43	3.62
127ODH10	5	127	5.63	143	150	10	60	200	51	1300	2.92	4.35
152ODH10	6	152	6.61	168	150	10	30	100	59	1500	3.58	5.33
203ODH10	8	204	8.79	223	150	10	30	100	79	2000	6.33	9.44
025ODH20	1	25	1.43	36	300	20	60	200	10	250	0.41	0.62
032ODH20	1.1/4	32	1.70	43	300	20	60	200	13	320	0.51	0.76
038ODH20	1.1/2	38	1.94	49	300	20	60	200	15	380	0.59	0.88
045ODH20	1.3/4	45	2.25	57	300	20	60	200	18	450	0.72	1.08
051ODH20	2	51	2.51	64	300	20	60	200	20	500	0.84	1.25
063ODH20	2.1/2	63	2.96	75	300	20	60	200	26	650	0.99	1.48
076ODH20	3	76	3.50	89	300	20	60	200	28	700	1.25	2.86
089ODH20	3.1/2	89	4.09	104	300	20	60	200	35	900	1.87	2.79
102ODH20	4	102	4.71	120	300	20	60	200	39	1000	2.64	3.93
114ODH20	4.1/2	114	5.18	132	300	20	60	200	47	1200	2.97	4.43
127ODH20	5	127	5.80	147	300	20	60	200	51	1300	3.81	5.67
152ODH20	6	152	6.80	173	300	20	30	100	59	1500	5.05	7.52
203ODH20	8	204	9.23	234	300	20	30	100	79	2000	11.25	16.77

Max diameter available : up to 30"

* Please contact us if you should require sizes / lengths or specifications other than the ones indicated above



Oil & Fuel Hose

LOW TEMP PETROLEUM HOSE

APPLICATION/USE

- Application : The hose is for use in low temperature operation for transferring gasoline, oil and other petroleum based products
- Tube : Black Nitrile synthetic rubber RMA class A (High Oil Resistance)
- Reinforcement : Spiral-plyed synthetic fabric with dual helix wire for extra flexibility
- Cover : Blue abrasion, oil, weather & ozone resistant synthetic rubber (Corrugated cover)

Temperature	-65°F to 176°F (-54°C to 80°C)
Safety Factor	4 : 1
Vacuum	737mmHg / 29inHg
Branding	MONDEA LOW TEMP PETROLEUM HOSE



PART No.	ID		OD		MAX. WORK PRESSURE		STANDART LENGTH		BENDING RADIUS		APPROX WEIGHT	
	in	mm	in	mm	psi	bar	(M)	(FT)	in	mm	(lbs/ft)	(Kg/m)
025LTP10	1	25	1.46	37	150	10	60	200	6	150	0.59	0.875
038LTP10	1.1/2	38	1.97	50	150	10	60	200	12	300	0.85	1.270
051LTP10	2	51	2.56	65	150	10	60	200	16	400	1.38	2.053
063LTP10	2.1/2	63	3.03	77	150	10	60	200	18	450	1.64	2.441
076LTP10	3	76	3.62	92	150	10	60	200	20	500	2.27	3.382
102LTP10	4	102	4.76	121	150	10	60	200	28	700	3.61	5.386
152LTP10	6	152	6.85	174	150	10	30	100	47	1200	6.22	9.274

Max diameter available : up to 30"

DOCK HOSE

APPLICATION/USE

- Application : Extra durable & thick cover hose for handling petroleum products on marine docks, ships and barges.
- Tube : Black Nitrile synthetic rubber RMA class A (High Oil Resistance)
- Reinforcement : Spiral-plyed synthetic fabric with dual helix wire
- Cover : Black abrasion, oil, weather & ozone resistant synthetic rubber
- Feature : Meets USCG 33 CFR 154.500

Temperature	-20°F to 180°F (-30°C to 80°C)
Safety Factor	4 : 1
Vacuum	737mmHg / 29inHg
Branding	MONDEA DOCK HOSE WP 225 PSI



PART No.	ID		OD		MAX. WORK PRESSURE		STANDART LENGTH		BENDING RADIUS		APPROX WEIGHT	
	in	mm	in	mm	psi	bar	(M)	(FT)	in	mm	(lbs/ft)	(Kg/m)
076DC15	3	76	3.81	97	225	15	60	200	30	750	2.91	4.34
102DC15	4	102	4.96	126	225	15	60	200	39	1000	4.53	6.76
152DC15	6	152	7.18	182	225	15	30	100	47	1200	8.26	12.31
204DC15	8	204	9.54	242	225	15	30	100	63	1600	14.19	21.15
254DC15	10	254	11.64	296	225	15	30	100	71	1800	18.77	27.96
305DC15	12	305	14.09	358	225	15	12	40	79	2000	30.99	46.04

Max diameter available : up to 30"

* Please contact us if you should require sizes / lengths or specifications other than the ones indicated above



AIR & WATER HOSE

AIR HOSE

APPLICATION/USE

Application : General Purpose hose designed for heavy duty applications
 Tube : Black synthetic rubber
 Reinforcement : Multi layers high tensile nylon cord
 Cover : Black abrasion, oil, weather & ozone resistant

Temperature : -20°F to 176°F (-30°C to 80°C)
 Safety Factor : 3 : 1
 Branding : MONDEA AIR HOSE 300 PSI



PART No.	ID		OD		MAX. WORK PRESSURE		STANDART LENGTH		BENDING RADIUS		APPROX WEIGHT	
	in	mm	in	mm	psi	bar	(M)	(FT)	in	mm	(lbs/ft)	(Kg/m)
019AR20	3/4	19	1.14	27	300	20	60	200	8	200	0.29	0.43
025AR20	1	25	1.42	34	300	20	60	200	10	250	0.40	0.59
032AR20	1.1/4	32	1.69	41	300	20	60	200	12	300	0.49	0.73
038AR20	1.1/2	38	1.93	47	300	20	60	200	16	400	0.57	0.85
051AR20	2	51	2.52	62	300	20	60	200	20	500	0.91	1.35
063AR20	2.1/2	63	3.03	75	300	20	60	200	24	600	1.17	1.75
076AR20	3	76	3.54	90	300	20	60	200	30	750	1.67	2.48
089AR20	3.1/2	89	4.06	103	300	20	60	200	35	900	1.93	2.87
102AR20	4	102	4.65	116	300	20	60	200	39	1000	2.25	3.35
127AR20	5	127	5.71	143	300	20	60	200	47	1200	3.12	4.66
152AR20	6	152	6.81	170	300	20	30	100	55	1400	3.96	5.90
204AR20	8	204	8.90	226	300	20	30	100	71	1800	6.72	10.02
254AR20	10	254	10.87	280	300	20	12	40	79	2000	9.41	14.03
305AR20	12	305	13.03	335	300	20	12	40	87	2200	13.42	19.99

EXTRA PRESSURE AIR HOSE

APPLICATION/USE

Application : Excellent in hard rock mining, quarries, construction, offshore, shipyards and other rough applications
 Tube : Black synthetic rubber
 Reinforcement : Multi plied high tensile synthetic fabric
 Cover : Yellow abrasion, weather & ozone resistant synthetic rubber

Temperature : -20°F to 176°F (-30°C to 80°C)
 Safety Factor : 3 : 1
 Branding : MONDEA EXTRA PRESSURE AIR HOSE WP 400 PSI



PART No.	ID		OD		MAX. WORK PRESSURE		STANDART LENGTH		BENDING RADIUS		APPROX WEIGHT	
	in	mm	in	mm	psi	bar	(M)	(FT)	in	mm	(lbs/ft)	(Kg/m)
013EPA27	1/2	13	0.95	24	400	27	60	200	6	150	0.31	0.46
019EPA27	3/4	19	1.25	32	400	27	60	200	8	200	0.48	0.72
025EPA27	1	25	1.49	38	400	27	60	200	10	250	0.60	0.89
032EPA27	1.1/4	32	1.76	46	400	27	60	200	12	300	0.73	1.09
038EPA27	1.1/2	38	2.00	52	400	27	60	200	14	350	0.85	1.26
051EPA27	2	51	2.64	67	400	27	60	200	20	500	1.36	2.03
076EPA27	3	76	3.75	97	400	27	60	200	30	750	2.32	3.46
102EPA27	4	102	4.85	123	400	27	60	200	49	1000	3.34	4.98



AIR & WATER HOSE

LIGHTWEIGHT WATER DELIVERY HOSE

APPLICATION/USE

Application	: Economical and lightweight hose for water disposal or delivery in industries, mines & construction sites
Tube	: Black Natural rubber compound
Reinforcement	: Spiral-plied synthetic fabric
Cover	: Black abrasion, weather & ozone resistant synthetic rubber

Temperature	-20°F to 176°F (-30°C to 80°C)
Safety Factor	3 : 1
Branding	MONDEA LIGHTWEIGHT WATER DELIVERY HOSE WP 100 PSI



PART No.	ID		OD		MAX. WORK PRESSURE		STANDART LENGTH		BENDING RADIUS		APPROX WEIGHT	
	in	mm	in	mm	psi	bar	(M)	(FT)	in	mm	(lbs/ft)	(Kg/m)
019LWD7	3/4	19	1.08	27	100	7	60	200	8	200	0.29	0.44
025LWD7	1	25	1.31	33	100	7	60	200	10	250	0.37	0.55
032LWD7	1.1/4	32	1.59	40	100	7	60	200	12	300	0.46	0.68
038LWD7	1.1/2	38	1.83	46	100	7	60	200	16	400	0.53	0.80
051LWD7	2	51	2.34	59	100	7	60	200	20	500	0.70	1.04
063LWD7	2.1/2	63	2.81	71	100	7	60	200	24	600	0.85	1.27
076LWD7	3	76	3.39	86	100	7	60	200	30	750	1.23	1.84
089LWD7	3.1/2	89	3.90	99	100	7	60	200	35	900	1.43	2.14
102LWD7	4	102	4.49	114	100	7	60	200	39	1000	1.85	2.76
127LWD7	5	127	5.47	139	100	7	60	200	47	1200	2.35	3.50
152LWD7	6	152	6.50	165	100	7	30	100	55	1400	3.18	4.73
204LWD7	8	204	8.61	219	100	7	30	100	71	1800	5.24	7.81
254LWD7	10	254	10.63	270	100	7	12	40	79	2000	7.88	11.73
305LWD7	12	305	12.70	323	100	7	12	40	87	2200	11.74	17.50

Max diameter available : up to 30"

* Please contact us if you should require sizes / lengths or specifications other than the ones indicated above



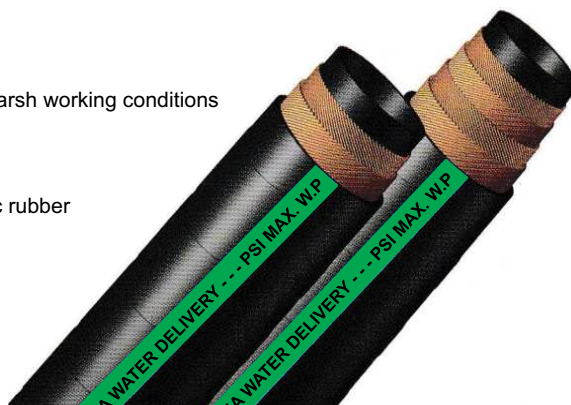
AIR & WATER HOSE

WATER DELIVERY HOSE

APPLICATION/USE

- Application : Durable water hose with a thick wall to withstand harsh working conditions in mines, construction sites & industries
- Tube : Black natural rubber compound
- Reinforcement : Spiral-plyed synthetic fabric
- Cover : Black abrasion, weather & ozone resistant synthetic rubber

Temperature	-20°F to 176°F (-30°C to 80°C)
Safety Factor	3 : 1
Branding	MONDEA WATER DELIVERY HOSE 150 PSI



PART No.	ID		OD		MAX. WORK PRESSURE		STANDART LENGTH		BENDING RADIUS		APPROX WEIGHT	
	in	mm	in	mm	psi	bar	(M)	(FT)	in	mm	(lbs/ft)	(Kg/m)
019WDH10	3/4	19	1.08	27	150	10	60	200	8	200	0.29	0.44
025WDH10	1	25	1.31	33	150	10	60	200	10	250	0.37	0.55
032WDH10	1.1/4	32	1.59	40	150	10	60	200	12	300	0.46	0.68
038WDH10	1.1/2	38	1.83	46	150	10	60	200	16	400	0.53	0.80
051WDH10	2	51	2.34	59	150	10	60	200	20	500	0.70	1.04
063WDH10	2.1/2	63	2.81	71	150	10	60	200	24	600	0.85	1.27
076WDH10	3	76	3.46	88	150	10	60	200	30	750	1.37	2.04
089WDH10	3.1/2	89	3.98	101	150	10	60	200	35	900	1.61	2.40
102WDH10	4	102	4.49	114	150	10	60	200	39	1000	1.85	2.76
127WDH10	5	127	5.50	140	150	10	60	200	47	1200	2.52	3.76
152WDH10	6	152	6.49	165	150	10	30	100	55	1400	3.07	4.58
204WDH10	8	204	8.61	219	150	10	30	100	71	1800	5.24	7.81
254WDH10	10	254	10.61	270	150	10	12	40	79	2000	7.52	11.21
305WDH10	12	305	12.70	323	150	10	12	40	87	2200	11.74	17.50

Max diameter available : up to 30"

* Please contact us if you should require sizes / lengths or specifications other than the ones indicated above



AIR & WATER HOSE

WATER SUCTION & DISCHARGE HOSE

APPLICATION/USE

Application : Delivery and suction application in waste water, sewage, mud, etc.
 Tube : Black Natural rubber blend compound
 Reinforcement : Spiral-plied synthetic fabric with helix wire
 Cover : Black abrasion, weather & ozone resistant synthetic rubber

Temperature : -20°F to 176°F (-30°C to 80°C)
 Safety Factor : 3 : 1
 Vacuum : 737mmHg / 29inHg
 Branding : MONDEA WATER SUCTION & DISCHARGE HOSE



PART No.	ID		OD		MAX. WORK PRESSURE		STANDART LENGTH		BENDING RADIUS		APPROX WEIGHT	
	in	mm	in	mm	psi	bar	(M)	(FT)	in	mm	(lbs/ft)	(Kg/m)
019WSD10	3/4	19	1.14	29	150	10	60	200	4	100	0.40	0.60
025WSD10	1	25	1.38	35	150	10	60	200	6	150	0.50	0.75
032WSD10	1.1/4	32	1.65	42	150	10	60	200	8	200	0.64	0.95
038WSD10	1.1/2	38	1.89	48	150	10	60	200	10	250	0.74	1.10
051WSD10	2	51	2.40	61	150	10	60	200	12	300	0.95	1.41
063WSD10	2.1/2	63	2.94	75	150	10	60	200	16	400	1.34	2.00
076WSD10	3	76	3.48	88	150	10	60	200	20	500	1.70	2.53
089WSD10	3.1/2	89	4.04	103	150	10	60	200	24	600	2.21	3.30
102WSD10	4	102	4.61	117	150	10	60	200	28	700	2.82	4.20
127WSD10	5	127	5.69	145	150	10	60	200	39	1000	4.16	6.19
152WSD10	6	152	6.68	170	150	10	30	100	47	1200	5.09	7.58
204WSD10	8	204	8.87	225	150	10	30	100	63	1600	8.21	12.23
254WSD10	10	254	10.93	278	150	10	12	40	79	2000	12.47	18.58
305WSD10	12	305	13.14	334	150	10	12	40	108	2750	18.60	27.71
019WSD20	3/4	19	1.14	29	300	20	60	200	4	100	0.41	0.60
025WSD20	1	25	1.43	36	300	20	60	200	6	150	0.57	0.85
032WSD20	1.1/4	32	1.70	43	300	20	60	200	8	200	0.72	1.07
038WSD20	1.1/2	38	1.94	49	300	20	60	200	10	250	0.83	1.24
051WSD20	2	51	2.53	64	300	20	60	200	12	300	1.40	2.09
063WSD20	2.1/2	63	3.05	77	300	20	60	200	16	400	1.80	2.68
076WSD20	3	76	3.62	92	300	20	60	200	20	500	2.23	3.32
089WSD20	3.1/2	89	4.13	105	300	20	60	200	24	600	2.65	3.94
102WSD20	4	102	4.71	120	300	20	60	200	28	700	3.36	5.01
127WSD20	5	127	5.77	147	300	20	60	200	39	1000	4.57	6.81
152WSD20	6	152	6.93	176	300	20	30	100	47	1200	6.73	10.03
204WSD20	8	204	9.10	231	300	20	30	100	63	1600	10.22	15.22
254WSD20	10	254	11.13	283	300	20	12	40	79	2000	14.58	21.73
305WSD20	12	305	13.46	342	300	20	12	40	108	2750	22.54	33.59

Max diameter available : up to 30"

* Please contact us if you should require sizes / lengths or specifications other than the ones indicated above



MATERIAL HANDLING HOSE

SAND BLASTING HOSE

APPLICATION/USE

- Application : Abrasion resistant hose for long-lasting use in sand and steel blasting services
 Tube : Thick black high abrasion resistant rubber
 Reinforcement : Spiral-plied synthetic fabric with static wire
 Cover : Black abrasion, weather & ozone resistant synthetic rubber

Temperature	-20°F to 176°F (-30°C to 80°C)
Safety Factor	3 : 1
Safety Factor	< 70 mm ³ (DIN 53516)
Branding	MONDEA SAND BLASTING HOSE 150 PSI



PART No.	ID		OD		MAX. WORK PRESSURE		STANDART LENGTH		BENDING RADIUS		APPROX WEIGHT	
	in	mm	in	mm	psi	bar	(M)	(FT)	in	mm	(lbs/ft)	(Kg/m)
013SB10	1/2	13	1.09	28	150	10	60	200	5	130	0.37	0.55
019SB10	3/4	19	1.46	37	150	10	60	200	8	200	0.62	0.92
025SB10	1	25	1.61	41	150	10	60	200	11	275	0.66	0.98
032SB10	1.1/4	32	1.95	50	150	10	60	200	14	350	0.89	1.32
038SB10	1.1/2	38	2.19	56	150	10	60	200	16	400	1.02	1.52
051SB10	2	51	2.70	69	150	10	60	200	20	500	1.30	1.94
063SB10	2.1/2	63	3.24	82	150	10	60	200	24	600	1.72	3.56

PLASTER & CONCRETE HOSE

APPLICATION/USE

- Application : Used as a service between pump and nozzle in transporting wet cement, plaster, grout and concrete
 Tube : Black high abrasion resistant rubber
 Reinforcement : Spiral-plied synthetic fabric with static wire
 Cover : Black abrasion, weather & ozone resistant synthetic rubber

Temperature	-20°F to 176°F (-30°C to 80°C)
Safety Factor	2 : 1
Abrasion loss	< 70 mm ³ (DIN 53516)
Branding	MONDEA CONCRETE PLACEMENT HOSE WP 85 BAR



PART No.	ID		OD		MAX. WORK PRESSURE		STANDART LENGTH		BENDING RADIUS		APPROX WEIGHT	
	in	mm	in	mm	psi	bar	(M)	(FT)	in	mm	(lbs/ft)	(Kg/m)
032CP85	1.1/4	32	1.95	50	1215	85	60	200	13	330	0.89	1.33
038CP85	1.1/2	38	2.27	58	1215	85	60	200	15	380	1.16	1.73
051CP85	2	51	2.83	72	1215	85	60	200	20	500	1.59	2.36
063CP85	2.1/2	63	3.43	87	1215	85	60	200	26	650	2.24	3.34
076CP85	3	76	4.06	103	1215	85	60	200	30	750	3.04	4.53
089CP85	3.1/2	89	4.70	119	1215	85	60	200	35	900	3.96	5.90
102CP85	4	102	5.34	136	1215	85	60	200	39	1000	4.99	7.44
114CP85	4.1/2	114	5.89	150	1215	85	60	200	45	1150	5.87	8.75
127CP85	5	127	6.45	164	1215	85	60	200	51	1300	6.70	9.98
152CP85	6	152	7.69	195	1215	85	60	200	59	1500	9.40	14.01

* Please contact us if you should require sizes / lengths or specifications other than the ones indicated above



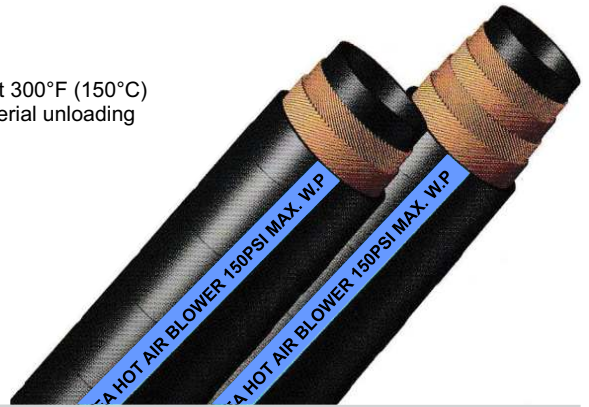
MATERIAL HANDLING HOSE

HOT AIR BLOWER HOSE

APPLICATION/USE

- Application : This hose is specifically designed to convey hot air at 300°F (150°C) continuous from the compressor or blower on dry material unloading systems
- Tube : Black heat resistant EPDM rubber
- Reinforcement : Spiral-plied synthetic fabric with dual helix wire
- Cover : Black heat, weather & ozone resistant EPDM rubber

Temperature	-20°F to 350°F (-30°C to 175°C)
Safety Factor	4 : 1
Safety Factor	737mmHg / 29inHg
Branding	MONDEA HOT AIR BLOWER HOSE WP.150 PSI



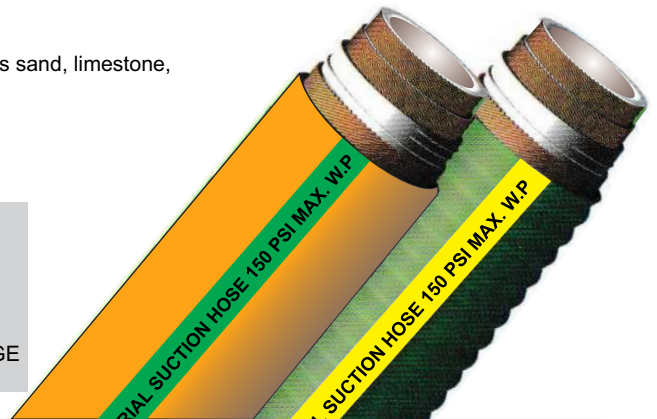
PART No.	ID		OD		MAX. WORK PRESSURE		STANDART LENGTH		BENDING RADIUS		APPROX WEIGHT	
	in	mm	in	mm	psi	bar	(M)	(FT)	in	mm	(lbs/ft)	(Kg/m)
032HAB10	1.1/4	32	1.72	44	150	10	60	200	6	160	0.72	1.08
038HAB10	1.1/2	38	1.95	50	150	10	60	200	8	200	0.84	1.24
045HAB10	1.3/4	45	2.24	57	150	10	60	200	12	300	0.99	1.48
051HAB10	2	51	2.57	65	150	10	60	200	24	600	1.41	2.10
063HAB10	2.1/2	63	3.05	77	150	10	60	200	30	750	1.67	2.49
076HAB10	3	76	3.64	92	150	10	60	200	33	850	2.41	3.58
089HAB10	3.1/2	89	4.15	105	150	10	60	200	35	900	2.82	4.20
102HAB10	4	102	4.77	121	150	10	60	200	45	1150	3.72	5.54

TAN BULK MATERIAL SUCTION

APPLICATION/USE

- Application : Transfer of dry, non-oily abrasive materials such as sand, limestone, plastic pellets and others
- Tube : Tan natural, abrasion resistant tube
- Reinforcement : Spiral-plied synthetic fabric with dual helix wire
- Cover : Green/ tan corrugated cover for extra flexibility

Temperature	-20°F to 176°F (-30°C to 80°C)
Safety Factor	4 : 1
Abrasion Loss	130 - 150 mm3 (DIN 53516)
Vacuum	737mmHg/29inHg
Branding	MONDEA BULK MATERIAL SUCTION/DISCHARGE HOSE WP: 150 PSI



PART No.	ID		OD		MAX. WORK PRESSURE		STANDART LENGTH		BENDING RADIUS		APPROX WEIGHT	
	in	mm	in	mm	psi	bar	(M)	(FT)	in	mm	(lbs/ft)	(Kg/m)
025BMS10	1	25	1.76	45	150	10	60	200	10	250	0.96	1.42
032BMS10	1.1/4	32	2.03	52	150	10	60	200	13	330	1.14	1.71
038BMS10	1.1/2	38	2.27	58	150	10	60	200	15	380	1.31	1.95
051BMS10	2	51	2.89	73	150	10	60	200	20	500	2.03	3.02
063BMS10	2.1/2	63	3.36	85	150	10	60	200	26	650	2.38	3.55
076BMS10	3	76	3.95	100	150	10	60	200	30	750	3.26	4.85
089BMS10	3.1/2	89	4.46	113	150	10	60	200	35	900	3.77	5.62
102BMS10	4	102	5.09	129	150	10	60	200	39	1000	4.81	7.17
127BMS10	5	127	6.07	154	150	10	60	200	51	1300	5.85	8.71
152BMS10	6	152	7.12	181	150	10	60	200	59	1500	7.87	11.72

* Please contact us if you should require sizes / lengths or specifications other than the ones indicated above



MATERIAL HANDLING HOSE

DRY CEMENT DISCHARGE HOSE

APPLICATION/USE

Application	: Recommended for the transfer of dry materials & slurries and ideal for dry cement, pebble, lime, and other abrasive materials
Tube	: Black high abrasion resistant rubber
Reinforcement	: Spiral-plied synthetic fabric
Cover	: Black abrasion, weather & ozone resistant synthetic static conductive material

Temperature	-20°F to 176°F (-30°C to 80°C)
Safety Factor	3 : 1
Safety Factor	130 - 150 mm ³ (DIN 53516)
Branding	MONDEA DRY CEMENT DISCHARGE HOSE



PART No.	ID		OD		MAX. WORK PRESSURE		STANDART LENGTH		BENDING RADIUS		APPROX WEIGHT	
	in	mm	in	mm	psi	bar	(M)	(FT)	in	mm	(lbs/ft)	(Kg/m)
076DCD5	3	76	3.70	94	75	5	60	200	30	750	1.86	2.77
102DCD5	4	102	4.80	122	75	5	60	200	39	1000	2.73	4.07
127DCD5	5	127	5.79	147	75	5	60	200	49	1250	3.34	4.97
152DCD5	6	152	6.82	173	75	5	30	100	59	1500	4.21	6.27
204DCD5	8	204	8.87	225	75	5	30	100	71	1800	5.55	8.28
076DCD10	3	76	3.83	94	150	10	60	200	30	750	2.24	3.34
102DCD10	4	102	4.90	124	150	10	60	200	39	1000	3.10	4.62
127DCD10	5	127	5.88	149	150	10	60	200	49	1250	3.79	5.64
152DCD10	6	152	6.87	174	150	10	30	100	59	1500	4.47	6.66
204DCD10	8	204	9.04	230	150	10	30	100	71	1800	6.82	10.16

DRY CEMENT SUCTION HOSE

APPLICATION/USE

Application	: Used in transfer of dry materials and slurries and ideal for dry cement, pebble, lime, and other abrasive materials
Tube	: Black high abrasion resistant rubber
Reinforcement	: Spiral-plied synthetic fabric
Cover	: Black abrasion, weather & ozone resistant synthetic rubber

Temperature	-20°F to 176°F (-30°C to 80°C)
Safety Factor	3 : 1
Safety Factor	130 - 150 mm ³ (DIN 53516)
Branding	MONDEA DRY CEMENT SUCTION HOSE



PART No.	ID		OD		MAX. WORK PRESSURE		STANDART LENGTH		BENDING RADIUS		APPROX WEIGHT	
	in	mm	in	mm	psi	bar	(M)	(FT)	in	mm	(lbs/ft)	(Kg/m)
051DCS20	2	51	2.97	75	300	20	60	200	20	510	2.25	3.35
076DCS20	3	76	4.00	102	300	20	60	200	30	750	3.43	5.12
102DCS20	4	102	5.09	129	300	20	60	200	39	1000	4.81	7.17
127DCS20	5	127	6.02	153	300	20	60	200	49	1250	5.58	8.31
152DCS20	6	152	7.24	184	300	20	30	100	59	1500	8.75	13.04
204DCS20	8	204	9.50	241	300	20	30	100	71	1800	14.10	21.01

Max diameter available : up to 30"

* Please contact us if you should require sizes / lengths or specifications other than the ones indicated above



MATERIAL HANDLING HOSE

SLURRY / MATERIAL SUCTION HOSE

APPLICATION/USE

Application : Designed for wet or dry abrasive products transfer services
 Tube : Black high abrasion synthetic rubber
 Reinforcement : Spiral-plied synthetic fabric with helix wire
 Cover : Black abrasion, weather & ozone resistant synthetic rubber

Temperature : -20°F to 176°F (-30°C to 80°C)
 Safety Factor : 3 : 1
 Abrasion Loss : < 70 mm³ (DIN 53516)
 Vacuum : 737mmHg/29inHg
 Branding : MONDEA SLURRY CEMENT HOSE



PART No.	ID		OD		MAX. WORK PRESSURE		STANDART LENGTH		BENDING RADIUS		APPROX WEIGHT	
	in	mm	in	mm	psi	bar	(M)	(FT)	in	mm	(lbs/ft)	(Kg/m)
102SCH10	4	102	5.00	127	150	10	60	200	31	800	4.52	6.37
152SCH10	6	152	7.20	183	150	10	30	100	47	1200	7.78	11.59
204SCH10	8	204	9.25	235	150	10	30	100	63	1600	11.67	17.39
254SCH10	10	254	11.38	289	150	10	12	40	79	2000	17.30	25.78
305SCH10	12	305	13.77	350	150	10	12	40	94	2400	28.27	42.13
355SCH10	14	355	15.93	405	150	10	12	40	110	2800	38.25	56.99

Max diameter available : up to 30"

MINING - Extra Abrasive Resistant Hose

APPLICATION/USE

Application : Abrasive slurry hose to be used with split muff coupling.
 It is widely used in the mining industry to handle delivery and suction of dry bulk and slurry.
 Tube : Black high abrasion synthetic rubber
 Reinforcement : Spiral-plied synthetic fabric with helix wire
 Cover : Extra thick abrasion/ weather & ozone resistant cover for durable use.
 It is bright yellow in color for better visibility

Temperature : -20°F to 176°F (-30°C to 80°C)
 Safety Factor : 3 : 1
 Abrasion Loss : < 70 mm³ (DIN 53516)
 Vacuum : 737 mmHg / 29inHg
 Branding : MONDEA MINING HOSE



PART No.	ID		OD		MAX. WORK PRESSURE		STANDART LENGTH		BENDING RADIUS		APPROX WEIGHT	
	in	mm	in	mm	psi	bar	(M)	(FT)	in	mm	(lbs/ft)	(Kg/m)
051MN10	2	51	2.91	74	150	10	60	200	12	300	2.18	3.25
076MN10	3	76	4.04	101	150	10	60	200	20	500	3.46	5.16
102MN10	4	102	5.08	132	150	10	60	200	28	700	5.39	8.04
152MN10	6	152	7.20	184	150	10	30	100	47	1200	9.01	13.43
203MN10	8	204	9.33	238	150	10	30	100	63	1600	12.95	19.30
254MN10	10	254	11.38	294	150	10	12	40	79	2000	20.04	29.86
305MN10	12	305	13.74	353	150	10	12	40	108	2750	29.76	44.34

Max diameter available : up to 30"

* Please contact us if you should require sizes / lengths or specifications other than the ones indicated above



XLPE CHEMICAL HOSE

APPLICATION/USE

- Application : Designed to handle a wide range of chemicals, solvents and corrosive liquids in both pressure and suction services.
- Tube : Cross-linked polyethylene (XLPE) against white tube
- Reinforcement : Multi layers high tensile nylon cord with helix wire
- Cover : Green weather & ozone resistant EPDM synthetic rubber

Temperature	-40°F to 212°F (-40°C to 100°C)
Safety Factor	4 : 1
Vacuum	737mmHg / 29inHg
Branding	MONDEA XLPE CHEMICAL HOSE W.P 200 PSI



PART No.	ID		OD		MAX. WORK PRESSURE		STANDART LENGTH		BENDING RADIUS		APPROX WEIGHT	
	in	mm	in	mm	psi	bar	(M)	(FT)	in	mm	(lbs/ft)	(Kg/m)
019XLPE14	3/4	19	1.18	30	200	14	60	200	4	100	0.46	0.68
025XLPE14	1	25	1.46	37	200	14	60	200	6	150	0.63	0.94
032XLPE14	1.1/4	32	1.74	44	200	14	60	200	8	200	0.79	1.18
038XLPE14	1.1/2	38	1.98	50	200	14	60	200	10	250	0.91	1.36
050XLPE14	2	51	2.57	65	200	14	60	200	12	300	1.51	2.25
063XLPE14	2.1/2	63	3.09	78	200	14	60	200	16	400	1.92	2.86
076XLPE14	3	76	3.66	93	200	14	60	200	20	500	2.37	3.54
102XLPE14	4	102	4.75	121	200	14	60	200	28	750	3.56	5.31

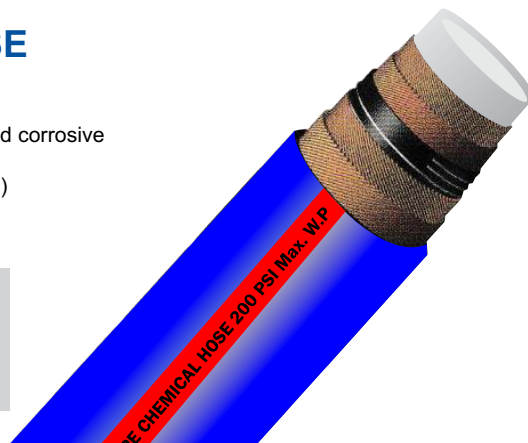
Max diameter available : up to 30"

UHMWPE CHEMICAL HOSE

APPLICATION/USE

- Application : Designed to handle 98% of all chemicals, solvent and corrosive liquids in both pressure and suction service.
- Tube : Ultra high molecular weight polyethylene (UHMWPE)
- Reinforcement : Spiral-plyed synthetic fabric with dual helix wire
- Cover : Blue weather & ozone resistant EPDM

Temperature	-40°F to 250°F (-40°C to 120°C)
Safety Factor	4 : 1
Vacuum	737mmHg / 29inHg
Branding	MONDEA UHMWPE CHEMICAL HOSE WP 200 PSI



PART No.	ID		OD		MAX. WORK PRESSURE		STANDART LENGTH		BENDING RADIUS		APPROX WEIGHT	
	in	mm	in	mm	psi	bar	(M)	(FT)	in	mm	(lbs/ft)	(Kg/m)
019UHMW14	3/4	19	1.18	30	200	14	60	200	4	100	0.46	0.68
025UHMW14	1	25	1.46	37	200	14	60	200	6	150	0.63	0.94
032UHMW14	1.1/4	32	1.74	44	200	14	60	200	8	200	0.79	1.18
038UHMW14	1.1/2	38	1.98	50	200	14	60	200	10	250	0.91	1.36
050UHMW14	2	51	2.57	65	200	14	60	200	12	300	1.51	2.25
063UHMW14	2.1/2	63	3.09	78	200	14	60	200	16	400	1.92	2.86
076UHMW14	3	76	3.66	93	200	14	60	200	20	500	2.37	3.54
102UHMW14	4	102	4.75	121	200	14	60	200	28	750	3.56	5.31

Max diameter available : up to 30"

* Please contact us if you should require sizes / lengths or specifications other than the ones indicated above



FOOD GRADE HOSE (Edible Oil)

APPLICATION/USE

Application	: Used to convey animal fat, vegetable oil and other edible oils at temperatures up to 180°F requiring FDA sanitary hose. Also for soybeans, vinegar, mustard, cider, salad dressings and other acetic applications
Tube	: FDA recommended Nitrile rubber
Reinforcement	: Spiral-plyed synthetic fabric with dual helix wire
Cover	: White abrasion, weather & ozone resistant compound
Feature	: Meets FDA CFR 21 177.2600

Temperature	-40°F to 176°F (-40°C to 80°C)
Safety Factor	4 : 1
Branding	MONDEA FOOD GRADE HOSE (EDIBLE OIL) HOSE WP: 150 PSI

PART No.	ID		OD		MAX. WORK PRESSURE		STANDART LENGTH		BENDING RADIUS		APPROX WEIGHT	
	in	mm	in	mm	psi	bar	(M)	(FT)	in	mm	(lbs/ft)	(Kg/m)
013FGD10	1/2	13	0.97	25	150	10	60	200	3	75	0.40	0.59
019FGD10	3/4	19	1.20	31	150	10	60	200	4	100	0.52	0.78
025FGD10	1	25	1.44	37	150	10	60	200	6	150	0.65	0.97
032FGD10	1.1/4	32	1.72	44	150	10	60	200	8	200	0.81	1.21
038FGD10	1.1/2	38	2.00	51	150	10	60	200	10	250	1.03	1.53
050FGD10	2	50	2.57	65	150	10	60	200	12	300	1.51	2.25
063FGD10	2.1/2	63	3.05	77	150	10	60	200	16	400	1.80	2.68
076FGD10	3	76	3.56	90	150	10	60	200	20	500	2.20	3.28
102FGD10	4	102	4.72	120	150	10	60	200	28	700	3.67	5.47
127FGD10	5	127	5.82	148	150	10	60	200	39	1000	5.14	7.66

BEVERAGE HOSE

APPLICATION/USE

Application	: Used for transfer of wine, beer, milk and other water based product requiring an FDA product
Tube	: White EPDM tube
Reinforcement	: Spiral-plyed synthetic fabric with dual helix wire
Cover	: Gray abrasion, weather & ozone resistant EPDM
Feature	: Meets FDA CFR 21 177.2600

Temperature	-20°F to 250°F (-30°C to 120°C)
Safety Factor	4 : 1
Branding	MONDEA BEVERAGE HOSE WP. 150 PSI

PART No.	ID		OD		MAX. WORK PRESSURE		STANDART LENGTH		BENDING RADIUS		APPROX WEIGHT	
	in	mm	in	mm	psi	bar	(M)	(FT)	in	mm	(lbs/ft)	(Kg/m)
013BH10	1/2	13	0.97	25	150	10	60	200	3	75	0.39	0.58
019BH10	3/4	19	1.20	31	150	10	60	200	4	100	0.52	0.77
025BH10	1	25	1.44	37	150	10	60	200	6	150	0.64	0.95
032BH10	1.1/4	32	1.72	44	150	10	60	200	8	200	0.80	1.19
038BH10	1.1/2	38	2.00	51	150	10	60	200	10	250	1.01	1.51
050BH10	2	50	2.57	65	150	10	60	200	12	300	1.49	2.21
063BH10	2.1/2	63	3.05	77	150	10	60	200	16	400	1.77	2.64
076BH10	3	76	3.56	90	150	10	60	200	20	500	2.17	3.23
102BH10	4	102	4.72	120	150	10	60	200	28	700	3.63	5.41
127BH10	5	127	5.82	148	150	10	60	200	39	1000	5.07	7.55



BULK FOOD GRADE HOSE

APPLICATION/USE

Application	: Transfer of bulk food products such as flour, sugar and edible grains
Tube	: Black high heat resistant EPDM synthetic rubber
Reinforcement	: Spiral-plied synthetic fabric with dual helix wire
Cover	: White abrasion, weather & ozone resistant NR
Feature	: Meets FDA CFR 21 177.2600

Temperature	-40°F to 176°F (-40°C to 80°C)
Safety Factor	4 : 1
Branding	MONDEA BULK FOOD GRADE HOSE WP. 150 PSI



PART No.	ID		OD		MAX. WORK PRESSURE		STANDART LENGTH		BENDING RADIUS		APPROX WEIGHT	
	in	mm	in	mm	psi	bar	(M)	(FT)	in	mm	(lbs/ft)	(Kg/m)
013BFG10	1/2	13	0.97	25	150	10	60	200	3	75	0.40	0.59
019BFG10	3/4	19	1.20	31	150	10	60	200	4	100	0.52	0.78
025BFG10	1	25	1.44	37	150	10	60	200	6	150	0.65	0.97
032BFG10	1.1/4	32	1.72	44	150	10	60	200	8	200	0.81	1.21
038BFG10	1.1/2	38	2.00	51	150	10	60	200	10	250	1.03	1.53
050BFG10	2	50	2.57	65	150	10	60	200	12	300	1.51	2.25
063BFG10	2.1/2	63	3.05	77	150	10	60	200	16	400	1.80	2.68
076BFG10	3	76	3.56	90	150	10	60	200	20	500	2.20	3.28
102BFG10	4	102	4.72	120	150	10	60	200	28	700	3.67	5.47
127BFG10	5	127	5.82	148	150	10	60	200	39	1000	5.14	7.66

Max diameter available : up to 30"

* Please contact us if you should require sizes / lengths or specifications other than the ones indicated above

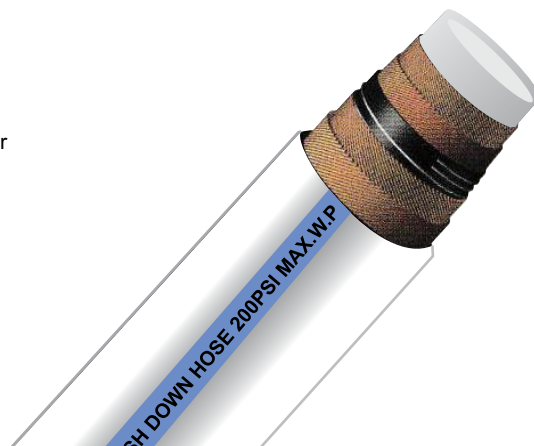


WHITE WASH DOWN HOSE

APPLICATION/USE

- Application : This hose is specifically designed to transfer hot air or water at 212°F (100°C) continuously
- Tube : White heat resistant EPDM rubber
- Reinforcement : Spiral-plied synthetic fabric
- Cover : White heat, weather & ozone resistant EPDM rubber

Temperature	20°F to 250°F (-30°C to 120°C)
Safety Factor	4 : 1
Branding	MONDEA WHITE WASH DOWN HOSE WP 200 PSI



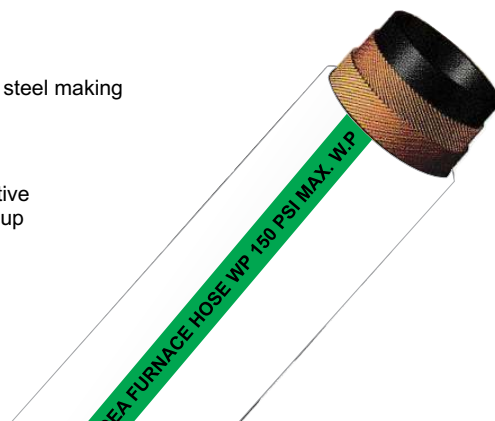
PART No.	ID		OD		MAX. WORK PRESSURE		STANDART LENGTH		BENDING RADIUS		APPROX WEIGHT	
	in	mm	in	mm	psi	bar	(M)	(FT)	in	mm	(lbs/ft)	(Kg/m)
019WWD14	3/4	19	1.26	32	200	14	60	200	4	100	0.49	0.73
025WWD14	1	25	1.57	38	200	14	60	200	6	150	0.61	0.91
032WWD14	1.1/4	32	1.77	45	200	14	60	200	8	200	0.75	1.11
038WWD14	1.1/2	38	2.01	51	200	14	60	200	10	250	0.86	1.29
050WWD14	2	50	2.64	67	200	14	60	200	12	300	1.38	2.06

FURNACE COOLANT HOSE

APPLICATION/USE

- Application : suitable for use particularly in steel making industry. It is usually used to provide cooling water to various part of the steel making process
- Tube : Black heat resistant EPDM rubber
- Reinforcement : Spiral-plied synthetic fabric
- Cover : Black/White heat resistant EPDM rubber. Wrapped with protective fiberglass cover to resist extreme radiant heat. Withstand heat up to 1000 °F and does not bum when exposed to flame.

Temperature	-20°F to 212°F (-30°C to 100°C) Cover resistant up to 540°C (1000°F)
Safety Factor	4 : 1
Branding	MONDEA FURNACE COOLANT HOSE WP 150 PSI



PART No.	ID		OD		MAX. WORK PRESSURE		STANDART LENGTH		BENDING RADIUS		APPROX WEIGHT	
	in	mm	in	mm	psi	bar	(M)	(FT)	in	mm	(lbs/ft)	(Kg/m)
051FC10	2	51	2.60	66	150	10	60	200	12	300	0.99	1.48
076FC10	3	76	3.72	94	150	10	60	200	20	500	1.97	2.94
102FC10	4	102	4.84	123	150	10	60	200	28	700	2.80	4.17
152FC10	6	152	6.86	174	150	10	60	100	47	1200	6.15	9.16
204FC10	8	204	8.91	226	150	10	60	100	63	1600	9.49	14.13

* Please contact us if you should require sizes / lengths or specifications other than the ones indicated above



CARBON FREE / NON-CONDUCTIVE HOSE

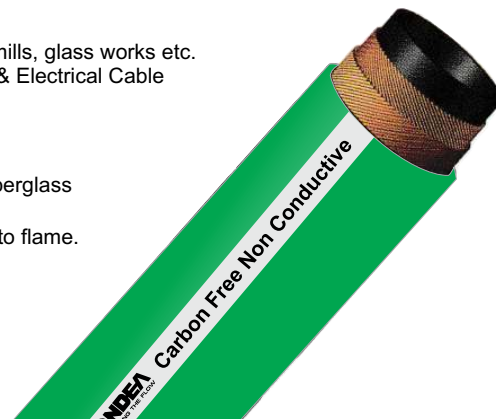
APPLICATION/USE

- Application : Used as an outer protective covering for power cables in steel mills, glass works etc. to avoid damage to cable. Recommended for Furnace Coolant & Electrical Cable Coolant
- Tube : White heat resistant EPDM rubber
- Reinforcement : Spiral-plied synthetic fabric
- Cover : Green heat resistant EPDM rubber. Wrapped with protective fiberglass cover to resist extreme radiant heat. Withstand heat up to 1000°F and does not bum when exposed to flame.

Temperature -20°F to 410°F (-30°C to 210°C)

Safety Factor 4 : 1

Branding -



PART No.	ID		OD		MAX. WORK PRESSURE		STANDART LENGTH		BENDING RADIUS		APPROX WEIGHT	
	in	mm	in	mm	psi	bar	(M)	(FT)	in	mm	(lbs/ft)	(Kg/m)
051CF10	2	51	2.48	63	150	10	60	200	12	300	0.87	1.29
076CF10	3	76	3.58	91	150	10	60	200	20	500	1.67	2.49
102CF10	4	102	4.72	120	150	10	60	200	28	700	2.83	4.22
152CF10	6	152	6.73	171	150	10	30	100	47	1200	5.58	8.32
204CF10	8	204	8.78	223	150	10	30	100	63	1600	8.75	13.04

CARBON FREE (WITH FIBER)

APPLICATION/USE

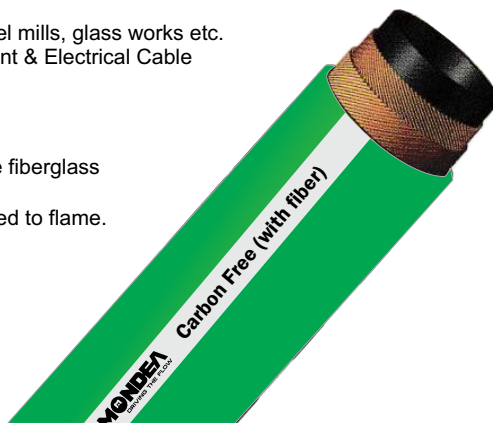
- Application : Used as an outer protective covering for power cables in steel mills, glass works etc. to avoid damage to cable. Recommended for Furnace Coolant & Electrical Cable Coolant
- Tube : White heat resistant EPDM rubber
- Reinforcement : Spiral-plied synthetic fabric
- Cover : Green heat resistant EPDM rubber. Wrapped with protective fiberglass cover to resist extreme radiant heat. Withstand heat up to 1000°F and does not bum when exposed to flame.

Temperature -20°F to 410°F (-30°C to 210°C)

Cover resistant up to 540°C (1000°C)

Safety Factor 4 : 1

Branding -



PART No.	ID		OD		MAX. WORK PRESSURE		STANDART LENGTH		BENDING RADIUS		APPROX WEIGHT	
	in	mm	in	mm	psi	bar	(M)	(FT)	in	mm	(lbs/ft)	(Kg/m)
051CFF10	2	51	2.60	66	150	10	60	200	12	300	1.00	1.49
076CFF10	3	76	3.72	94	150	10	60	200	20	500	1.95	2.90
102CFF10	4	102	4.84	123	150	10	60	200	28	700	3.19	4.76
152CFF10	6	152	6.86	174	150	10	30	100	47	1200	6.10	9.09
204CFF10	8	204	8.91	226	150	10	30	100	63	1600	9.42	14.04

* Please contact us if you should require sizes / lengths or specifications other than the ones indicated above

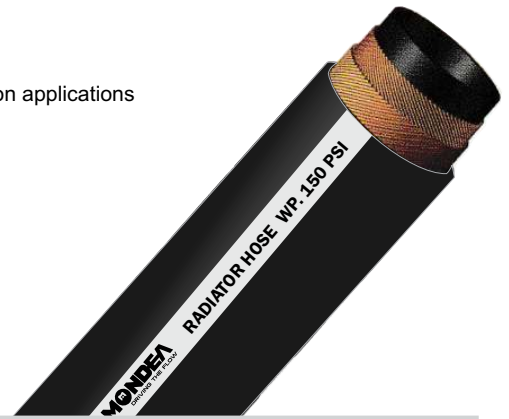


RADIATOR HOSE

APPLICATION/USE

Application	: Designed with enhanced flexibility in "straight" coolant connection applications
Tube	: Black heat resistant synthetic rubber
Reinforcement	: Spiral-plied synthetic fabric
Cover	: Black heat resistant synthetic rubber.

Temperature	-20°F to 212°F (-30°C to 100°C)
Safety Factor	4 : 1
Branding	MONDEA RADIATOR HOSE WP. 150 PSI



PART No.	ID		OD		MAX. WORK PRESSURE		STANDART LENGTH		BENDING RADIUS		APPROX WEIGHT	
	in	mm	in	mm	psi	bar	(M)	(FT)	in	mm	(lbs/ft)	(Kg/m)
019RD10	3/4	19	1.14	29	150	10	60	200	8	200	0.33	0.50
025RD10	1	25	1.38	35	150	10	60	200	10	250	0.40	0.60
038RD10	1.1/2	38	1.95	50	150	10	60	200	16	400	0.68	1.01
045RD10	1.3/4	45	2.23	57	150	10	30	100	20	500	0.79	1.17
051RD10	2	51	2.48	63	150	10	60	200	24	600	0.88	1.31
076RD10	3	76	3.50	89	150	10	60	200	30	750	1.40	2.08
102RD10	4	102	4.52	115	150	10	60	200	39	1000	1.84	2.74
127RD10	6	127	5.57	141	150	10	60	200	47	1200	2.55	3.80
152RD10	8	152	6.55	166	150	10	60	200	55	1400	3.02	4.50

MINERAL RECOVERY HOSE 525 PSI

APPLICATION/USE

Application	: Formineral recovery in drilling equipment (mineral sampling).
Tube	: Black conductive NR – abrasion resistant
Reinforcement	: High tensile textile cords with embedded steel helix wires
Cover	: Black abrasion, oil, weather & ozone resistant rubber

Temperature Range	-20°F to 180°F (-30°C to 80°C)
Safety Factor	3 : 1
Vacuum	737mmHg / 29inHg
Branding	MONDEA MINERAL RECOVERY HOSE WP. 525 PSI



PART No.	ID		OD		MAX. WORK PRESSURE		STANDART LENGTH		BENDING RADIUS		APPROX WEIGHT	
	in	mm	in	mm	psi	bar	(M)	(FT)	in	mm	(lbs/ft)	(Kg/m)
051MR20	2.00	51	3.03	77	525	35	60	200	8	204	2.030	3.030
076MR20	3.00	76	4.17	106	525	35	60	200	12	304	3.290	4.890
102MR20	4.00	102	5.28	134	525	35	60	200	16	408	4.875	7.250

Max diameter available : up to 30"

* Please contact us if you should require sizes / lengths or specifications other than the ones indicated above



STEAM HOSE

APPLICATION/USE

Application	: Used for cleaning, head control service on shipyards, chemical plans etc.
Tube	: Black high heat resistant EPDM synthetic rubber
Reinforcement	: Multi layers of high tensile steel wire braid
Cover	: Red/Black heat resistant EPDM synthetic rubber

Temperature	-20°F to 410°F (-30°C to 210°C)
Safety Factor	10 : 1
Branding	MONDEA STEAM HOSE 100 PSI



PART No.	ID		OD		MAX. WORK PRESSURE		STANDART LENGTH		BENDING RADIUS		APPROX WEIGHT	
	in	mm	in	mm	psi	bar	(M)	(FT)	in	mm	(lbs/ft)	(Kg/m)
013ST7	1/2	13	1.02	26	270	18	60	200	5	130	0.32	0.48
016ST7	5/8	16	1.13	29	270	18	60	200	8	200	0.37	0.55
019ST7	3/4	19	1.25	32	270	18	60	200	10	250	0.42	0.63
025ST7	1	25	1.49	38	270	18	60	200	13	320	0.52	0.78
032ST7	1.1/4	32	1.76	45	270	18	60	200	15	300	0.64	0.95
038ST7	1.1/2	38	2.00	51	270	18	60	200	16	400	0.74	1.10
051ST7	2	51	2.64	67	270	18	60	200	20	500	1.22	1.81
076ST7	3	76	3.82	95	270	18	60	200	30	750	2.11	3.15

Safety Instructions

SAFETY WARNING !

The selection of the proper saturated steam hose for the required applications is essential to avoid any kind of damages.

Steam is very dangerous and the improper use could cause danger to equipments, serious injuries and event death to operators.

To help the selections of the right hose, we suggest you consider this guidelines.

	working pressure		temperature of saturated steam	
	kg / cm ²	PSI	C	PSI
	4	58	152	306
	5	72	158	317
	6	87	165	329
	7	101	170	338
	8	116	175	347
	9	130	180	356
	10	145	184	364
	11	159	188	372
	12	174	192	378
	13	188	195	383
	14	203	198	389
	15	217	201	394
	16	232	204	400
	17	246	207	405
	18	261	210	410
	19	275	212	414
	20	290	290	419

* Please contact us if you should require sizes / lengths or specifications other than the ones indicated above



FLOATING HOSE

FLOATING DREDGER HOSE

Mondea Floating Dredging Hose has been used on reclamation projects in different parts of Indonesia. It is designed for abrasive material transfer applications and is equipped with extra abrasion resistant lining for longer life time use for dredging sand & slurry.

Mondea Floating dredger Hose is suitable for the most harsh sea conditions. It is equipped with PE foam body in order to adjust to the SG of the pumped material in order to stay afloat. It is also suitable for suction & discharge services.

It is available up to diameter of 40" and in maximum length of 11.8 M & different pressure ratings.

Please contact our sales team for more information.



** Please contact us if you should require sizes / lengths or specifications other than the ones indicated above*



FLOATING HOSE

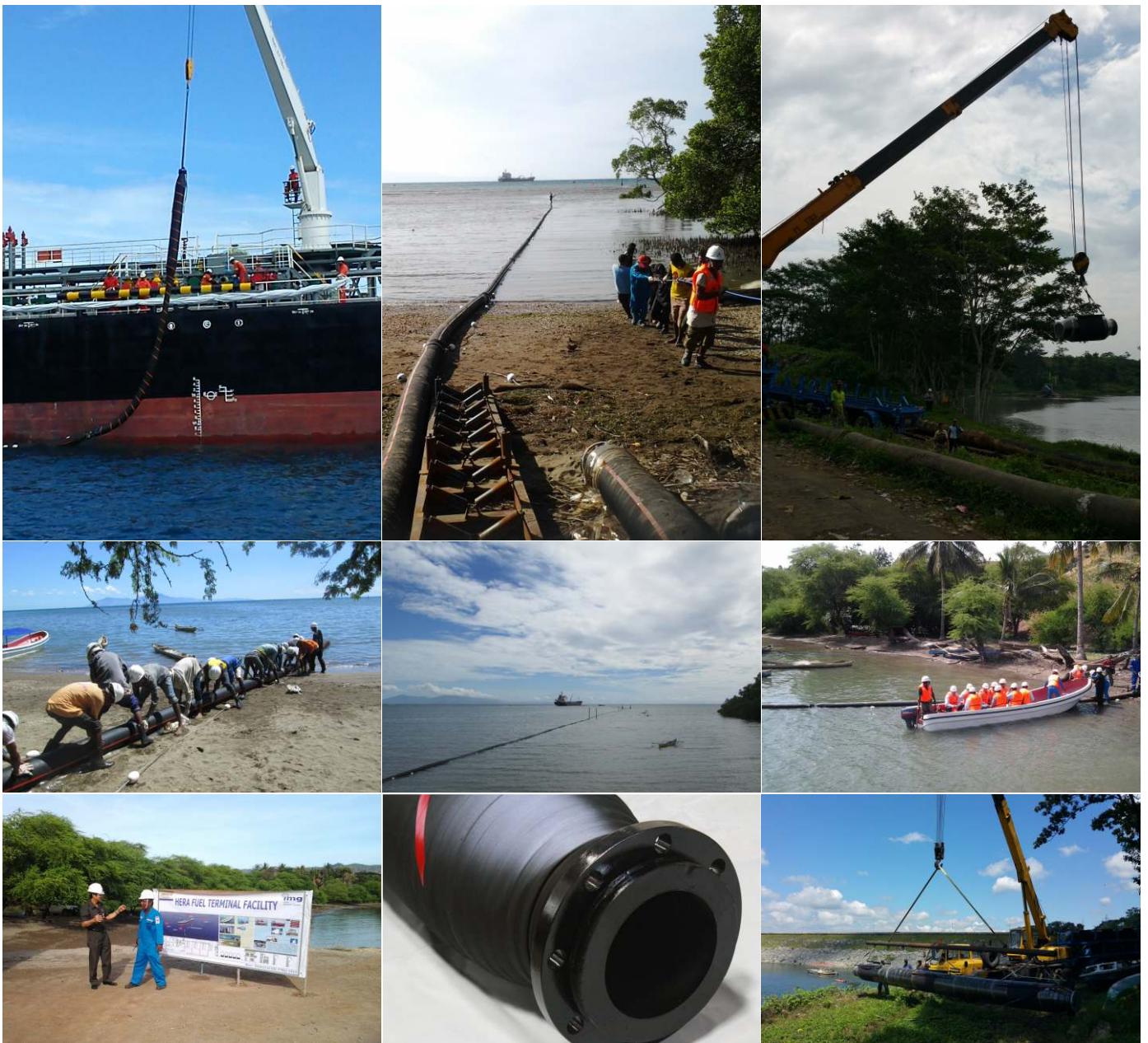
FLOATING OIL HOSE

MONDEA Floating oil hoses 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.

Mondea Floating Oil Hose is suitable for the most harsh sea conditions. It is equipped with PE foam body in order to adjust to the SG of the pumped material in order to stay afloat. It is also suitable for suction & discharge services.

It is available up to diameter of 40" and in maximum length of 11.8 M & different pressure ratings.

Please contact our sales team for more information.



** Please contact us if you should require sizes / lengths or specifications other than the ones indicated above*



EXTRUDED HOSE

INDUSTRIAL RUBBER HOSE

OIL & FUEL HOSE 

AIR & WATER HOSE 

GAS HOSE 

OTHERS 



OIL & FUEL HOSE

FUEL OIL HOSE

APPLICATION/USE

Application : Suitable for delivery of petroleum and solvent based liquids
 Tube : Black Nitrile synthetic rubber RMA class A (High Oil Resistance)
 Reinforcement : High tensile strength synthetic yarn
 Cover : Black oil, weather & ozone resistant

Temperature : -20°F to 176°F (-30°C to 80°C)
 Safety Factor : 3 : 1
 Branding : MONDEA FUEL OIL HOSE



PART No.	ID		OD		MAX. WORK PRESSURE		STANDART LENGTH		APPROX WEIGHT	
	in	mm	in	mm	psi	bar	(M)	(FT)	(lbs/ft)	(Kg/m)
006FO20	1/4	6.4	0.51	13	300	20	100	328	0.094	0.141
008FO20	5/16	7.9	0.59	15	300	20	100	328	0.120	0.179
010FO20	3/8	9.5	0.67	17	300	20	100	328	0.147	0.218
013FO20	1/2	12.7	0.87	22	300	20	100	328	0.238	0.355
016FO20	5/8	15.9	1.02	26	300	20	50	164	0.312	0.465
019FO20	3/4	19.1	1.18	30	300	20	50	164	0.395	0.588
025FO20	1	25.4	1.42	36	300	20	50	164	0.480	0.715

MID OIL HOSE

APPLICATION/USE

Application : Suitable for low in medium hydraulic systems or water based fluid such as light fuel oil, crude oil, general gasoline discharge and gasoline curb pump, etc.
 Tube : Black Nitrile synthetic rubber
 Reinforcement : High tensile strength synthetic yarn
 Cover : Black oil, weather & ozone resistant

Temperature : -20°F to 176°F (-30°C to 80°C)
 Safety Factor : 3 : 1
 Branding : MONDEA MID OIL HOSE



PART No.	ID		OD		MAX. WORK PRESSURE		STANDART LENGTH		APPROX WEIGHT	
	in	mm	in	mm	psi	bar	(M)	(FT)	(lbs/ft)	(Kg/m)
005MO14	3/16	4.8	0.45	11.5	200	14	100	328	0.092	0.137
006MO14	1/4	6.4	0.51	13	200	14	100	328	0.108	0.161
008MO14	5/16	7.9	0.59	15	200	14	100	328	0.137	0.204
010MO14	3/8	9.5	0.67	17	200	14	100	328	0.168	0.250
013MO14	1/2	12.7	0.83	21	200	14	100	328	0.236	0.351
016MO14	5/8	15.9	0.96	24.5	200	14	50	164	0.293	0.436
019MO14	3/4	19.1	1.16	29.5	200	14	50	164	0.426	0.635
025MO14	1	25.4	1.40	35.5	200	14	50	164	0.519	0.773

* Please contact us if you should require sizes / lengths or specifications other than the ones indicated above



AIR & WATER HOSE

AIR / WATER HOSE

APPLICATION/USE

Application : A general purpose air hose, engineered for medium applications
 Tube : Black NR/SBR synthetic rubber
 Reinforcement : High tensile strength synthetic yarn
 Cover : Black or Red synthetic rubber

Temperature : -20°F to 176°F (-30°C to 80°C)
 Safety Factor : 3 : 1
 Branding : MONDEA AIR/WATER HOSE



PART No.	ID		OD		MAX. WORK PRESSURE		STANDART LENGTH		APPROX WEIGHT	
	in	mm	in	mm	psi	bar	(M)	(FT)	(lbs/ft)	(Kg/m)
006AR20	1/4	6.4	0.51	13	300	20	100	328	0.108	0.161
008AR20	5/16	7.9	0.59	15	300	20	100	328	0.137	0.204
010AR20	3/8	9.5	0.67	17	300	20	100	328	0.168	0.250
013AR20	1/2	12.7	0.83	21	300	20	100	328	0.236	0.351
016AR20	5/8	15.9	0.96	24.5	300	20	50	164	0.239	0.436
019AR20	3/4	19.1	1.18	30	300	20	50	164	0.451	0.672
025AR20	1	25.4	1.40	35.5	300	20	50	164	0.519	0.773

AIR BRAKE HOSE

APPLICATION/USE

Application : Suitable for compressed air line systems for trucks, trailers, buses, and other lines for pneumatic control equipments, etc..
 Tube : Black Nitrile synthetic rubber
 Reinforcement : High tensile strength synthetic yarn
 Cover : Black weather & ozone resistant

Temperature : -20°F to 176°F (-30°C to 80°C)
 Safety Factor : 4 : 1
 Branding : MONDEA AIR BRAKE HOSE



PART No.	ID		OD		MAX. WORK PRESSURE		STANDART LENGTH		APPROX WEIGHT	
	in	mm	in	mm	psi	bar	(M)	(FT)	(lbs/ft)	(Kg/m)
006AB20	1/4	6.4	0.62	15.8	300	20	100	328	0.176	0.262
010AB20	3/8	9.5	0.75	19	300	20	100	328	0.228	0.340
013AB20	1/2	12.7	0.87	22	300	20	100	328	0.272	0.405

* Please contact us if you should require sizes / lengths or specifications other than the ones indicated above



GAS HOSE

LPG HOSE

APPLICATION/USE

Application : Suitable for use in household for transfer of LPG from tank to stove
Tube : NBR synthetic rubber compound
Reinforcement : High tensile strength synthetic yarn
Cover : Orange or Black oil, weather & ozone resistant

Temperature : -20°F to 176°F (-30°C to 80°C)
Safety Factor : 4 : 1
Branding : MONDEA LPG HOSE



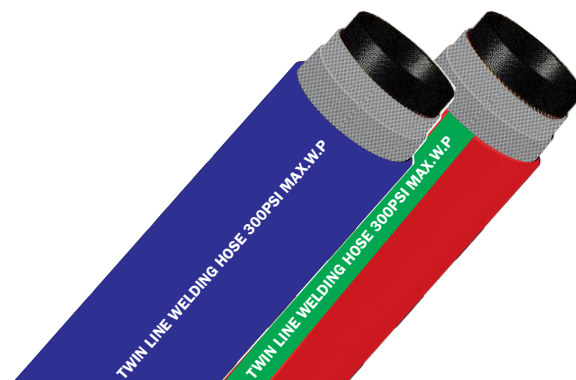
PART No.	 ID		 OD		 MAX. WORK PRESSURE		 STANDART LENGTH		 APPROX WEIGHT	
	in	mm	in	mm	psi	bar	(M)	(FT)	(lbs/ft)	(Kg/m)
010LPG5	3/8	10	0.67	17	75	5	100	328	0.130	0.193

TWIN LINE WELDING HOSE

APPLICATION/USE

Application : Welding and Cutting
Tube : NBR synthetic rubber compound
Reinforcement : High tensile strength synthetic yarn
Cover : Red & Blue weather & ozone resistant

Temperature : -20°F to 176°F (-30°C to 80°C)
Safety Factor : 4 : 1
Branding : MONDEA TWIN WELDING HOSE



PART No.	 ID		 OD		 MAX. WORK PRESSURE		 STANDART LENGTH		 APPROX WEIGHT	
	in	mm	in	mm	psi	bar	(M)	(FT)	(lbs/ft)	(Kg/m)
613613TL	(1/4 + 1/4)	(6.4 + 6.4)	(0.52 + 0.52)	(13 + 13)	200	14	100	328	0.268	0.400
616916TL	(1/4 + 3/8)	(6.4 + 9.5)	(0.63 + 0.63)	(16 + 16)	200	14	100	328	0.329	0.490
816913TL	(5/16 + 3/8)	(8 + 9.5)	(0.63 + 0.63)	(16 + 16)	200	14	100	328	0.372	0.555
916916TL	(3/8 + 3/8)	(9.5 + 9.5)	(0.63 + 0.63)	(16 + 16)	200	14	100	328	0.426	0.635

* Please contact us if you should require sizes / lengths or specifications other than the ones indicated above



GAS HOSE

OXYGEN HOSE

APPLICATION/USE

Application : Welding applications
Tube : NBR synthetic rubber compound
Reinforcement : High tensile strength synthetic yarn
Cover : Blue or other colors weather & ozone resistant (smooth & corrugated cover)

Temperature : -20°F to 176°F (-30°C to 80°C)
Safety Factor : 4 : 1
Branding : MONDEA OXYGEN HOSE



PART No.	ID		OD		MAX. WORK PRESSURE		STANDART LENGTH		APPROX WEIGHT	
	in	mm	in	mm	psi	bar	(M)	(FT)	(lbs/ft)	(Kg/m)
006OX14	1/4	6.4	0.51	13	200	14	100	328	0.108	0.161
008OX14	5/16	7.9	0.59	15	200	14	100	328	0.137	0.204
010OX14	3/8	9.5	0.67	17	200	14	100	328	0.168	0.250
013OX14	1/2	12.7	0.83	21	200	14	100	328	0.236	0.351
016OX14	5/8	15.9	0.96	24.5	200	14	50	164	0.239	0.436
019OX14	3/4	19.1	1.18	30	200	14	50	164	0.451	0.672
025OX14	1	25.4	1.40	35.5	200	14	50	164	0.519	0.773

ACETYLENE HOSE

APPLICATION/USE

Application : For general industries that use acetylene, inner gasses, acetylene cutting, welding, etc.
Tube : NBR synthetic rubber compound
Reinforcement : High tensile strength synthetic yarn
Cover : Red or other colors weather & ozone resistant (smooth & corrugated cover)

Temperature : -20°F to 176°F (-30°C to 80°C)
Safety Factor : 4 : 1
Branding : MONDEA ACETYLENE HOSE



PART No.	ID		OD		MAX. WORK PRESSURE		STANDART LENGTH		APPROX WEIGHT	
	in	mm	in	mm	psi	bar	(M)	(FT)	(lbs/ft)	(Kg/m)
005AC10	3/16	4.8	0.47	12	150	10	100	328	0.112	0.167
006AC10	1/4	6.4	0.51	13	150	10	100	328	0.143	0.213
008AC10	5/16	7.9	0.59	15	150	10	100	328	0.177	0.264
010AC10	3/8	9.5	0.67	17	150	10	100	328	0.197	0.294

* Please contact us if you should require sizes / lengths or specifications other than the ones indicated above



HEATER HOSE

APPLICATION/USE

Application : Light weight flexible hose for heater
 Tube : Black heat resistant EPDM synthetic rubber
 Reinforcement : High tensile strength synthetic yarn
 Cover : Black heat, weather & ozone resistant

Temperature : -20°F to 212°F (-30°C to 100°C)
 Safety Factor : 3 : 1
 Branding : MONDEA HEATER HOSE



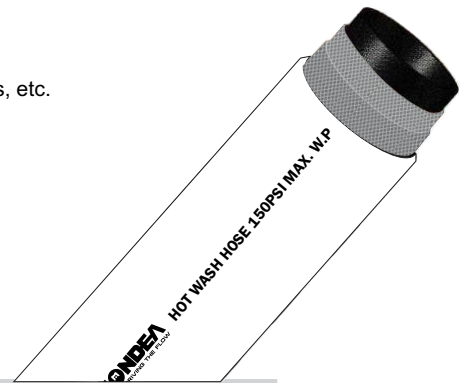
PART No.	ID		OD		MAX. WORK PRESSURE		STANDART LENGTH		APPROX WEIGHT	
	in	mm	in	mm	psi	bar	(M)	(FT)	(lbs/ft)	(Kg/m)
008HT10	5/16	7.9	0.59	15	150	10	100	328	0.128	0.191
010HT10	3/8	9.5	0.71	18	150	10	100	328	0.185	0.275
013HT10	1/2	12.7	0.83	21	150	10	100	328	0.221	0.329
016HT10	5/8	15.9	0.94	24	150	10	100	328	0.256	0.381
019HT10	3/4	19.1	1.14	29	150	10	60	196	0.377	0.561
025HT10	1	25.4	1.38	35	150	10	60	196	0.458	0.683

HOT WASH HOSE

APPLICATION/USE

Application : Light weight flexible hose for auto washing, food plants, breweries, etc.
 Tube : White heat resistant EPDM synthetic rubber
 Reinforcement : High tensile strength synthetic yarn
 Cover : White heat, weather & ozone resistant

Temperature : -20°F to 212°F (-30°C to 100°C)
 Safety Factor : 3 : 1
 Branding : MONDEA HOT WASH HOSE



PART No.	ID		OD		MAX. WORK PRESSURE		STANDART LENGTH		APPROX WEIGHT	
	in	mm	in	mm	psi	bar	(M)	(FT)	(lbs/ft)	(Kg/m)
008HW10	5/16	7.9	0.79	20	150	10	100	328	0.267	0.398
010HW10	3/8	9.5	0.91	23	150	10	100	328	0.347	0.517
013HW10	1/2	12.7	1.10	28	150	10	100	328	0.492	0.733
016HW10	5/8	15.9	1.22	31	150	10	100	328	0.560	0.834
019HW10	3/4	19.1	1.42	36	150	10	60	196	0.739	1.096
025HW10	1	25.4	1.77	45	150	10	60	196	1.091	1.625

* Please contact us if you should require sizes / lengths or specifications other than the ones indicated above



MULTI-PURPOSE HOSE

APPLICATION/USE

Application : This hose handle air, oil, kerosene and some chemical - Nonconductive
 Tube : Black Nitrile synthetic rubber RMA class A (High Oil Resistance)
 Reinforcement : High tensile strength synthetic yarn
 Cover : Red oil, weather & ozone resistant synthetic rubber

Temperature : -20°F to 176°F (-30°C to 80°C)
 Safety Factor : 3 : 1
 Branding : MONDEA MULTI-PURPOSE HOSE



PART No.	ID		OD		MAX. WORK PRESSURE		STANDART LENGTH		APPROX WEIGHT	
	in	mm	in	mm	psi	bar	(M)	(FT)	(lbs/ft)	(Kg/m)
010MP10	3/8	9.5	0.71	18	150	10	100	328	0.185	0.275
013MP10	1/2	12.7	0.83	21	150	10	100	328	0.221	0.329
016MP10	5/8	15.9	0.94	24	150	10	100	328	0.256	0.381
019MP10	3/4	19.1	1.14	29	150	10	60	196	0.377	0.561
025MP10	1	25.4	1.38	35	150	10	60	196	0.458	0.683

* Please contact us if you should require sizes / lengths or specifications other than the ones indicated above



PVC HOSE

PVC STEEL WIRE REINFORCED
HOSE

PVC SUCTION HOSE

PVC SPRAY HOSE

PVC AIR HOSE



PVC HOSE

PVC STEEL WIRE REINFORCED HOSE

APPLICATION/USE

Application : Widely used for sucking or discharging of water, oil, weak chemicals and powders in industry, agriculture, factory, etc.
 Tube : Transparant PVC
 Reinforcement : Steel helix wire
 Cover : Transparant PVC (With blue and orange stripe)

Temperature : 23°F to 140°F (-5°C to 60°C)
 Vacuum : 608mmHg/24inHg
 Branding : MONDEA SPRING HOSE



PART No.	ID		OD		STANDART LENGTH		BENDING RADIUS		APPROX WEIGHT	
	in	mm	in	mm	(M)	(FT)	in	mm	(lbs/ft)	(Kg/m)
025PSW	1	25	1.22	31	100	330	10	250	0.251	0.374
032PSW	1.1/4	32	1.57	40	50	165	12	300	0.421	0.627
038PSW	1.1/2	38	1.81	46	50	165	14	350	0.491	0.731
045PSW	1.3/4	45	2.17	55	50	165	16	400	0.736	1.097
050PSW	2	50	2.36	60	50	165	20	500	0.810	1.207
063PSW	2.1/2	63	2.95	75	50	165	26	650	1.230	1.833
076PSW	3	75	3.50	89	30	100	30	750	1.673	2.492
102PSW	4	100	4.49	114	30	100	39	1000	2.245	3.346

PVC SPIRAL HOSE

APPLICATION/USE

Application : Suitable for suction water, slurry, sewage, some solides and granulated, and gases in agriculturare, industry and construction.
 Tube : Transparant PVC
 Reinforcement : Blue rigid PVC reinforced
 Cover : Transparant PVC (With blue stripe)

Temperature : 23°F to 140°F (-5°C to 60°C)
 Vacuum : 608mmHg/24inHg
 Branding : MONDEA SPIRAL HOSE



PART No.	ID		OD		STANDART LENGTH		BENDING RADIUS		APPROX WEIGHT	
	in	mm	in	mm	(M)	(FT)	in	mm	(lbs/ft)	(Kg/m)
025PSP	1	25	1.38	35	50	165	12	300	0.213	0.317
032PSP	1.1/4	32	1.65	42	50	165	14	350	0.281	0.418
038PSP	1.1/2	38	1.89	48	50	165	16	400	0.332	0.495
045PSP	2	51	2.48	63	50	165	20	500	0.658	0.980
050PSP	2.1/2	63	2.95	75	50	165	26	650	0.714	1.064
063PSP	3	76	3.54	90	50	165	30	750	0.852	1.269
102PSP	4	102	4.57	116	50	165	39	1000	1.385	2.063
114PSP	4.1/2	114	5.12	130	50	165	47	1200	1.711	2.550

* Please contact us if you should require sizes / lengths or specifications other than the ones indicated above



PVC HOSE

PVC COMPRESSOR HOSE

APPLICATION/USE

Application : General purpose air hose for automotive, interior work, or exterior painting and finishing.
 Tube : White flexible PVC
 Reinforcement : 1 or 2 braided polyester yarn
 Cover : Yellow flexible PVC (ribbed or smooth surface)

Temperature : 23°F to 140°F (-5°C to 60°C)
 Safety Factor : 3 : 1
 Branding : MONDEA COMPRESSOR HOSE



PART No.	ID		OD		MAX. WORK PRESSURE		STANDART LENGTH		APPROX WEIGHT	
	in	mm	in	mm	psi	bar	(M)	(FT)	(lbs/ft)	(Kg/m)
008PCH20	5/16	8	0.51	13	300	20	100	328	0.068	0.101
008PCH40	5/16	8	0.51	14	600	40	100	328	0.085	0.127

Other sizes available

PVC AIR HOSE

APPLICATION/USE

Application : Mainly used for conveying of air, inert gas and water industry
 Tube : Black or other colors flexible PVC
 Reinforcement : High tensile synthetic yarn
 Cover : Black or other colors flexible PVC

Temperature : 23°F to 140°F (-5°C to 60°C)
 Safety Factor : 3 : 1
 Branding : MONDEA AIR HOSE



PART No.	ID		OD		MAX. WORK PRESSURE		STANDART LENGTH		APPROX WEIGHT	
	in	mm	in	mm	psi	bar	(M)	(FT)	(lbs/ft)	(Kg/m)
006PAR20	1/4	6.4	0.47	12	300	20	100	328	0.074	0.110
008PAR20	5/16	7.9	0.55	14	300	20	100	328	0.097	0.145
010PAR20	3/8	9.5	0.63	17	300	20	100	328	0.148	0.220
013PAR20	1/2	12.7	0.79	21	300	20	100	328	0.213	0.318
016PAR20	5/8	15.9	0.97	26	300	20	100	328	0.337	0.502
019PAR20	3/4	19.1	1.18	31	300	20	100	328	0.470	0.700
025PAR20	1	25.4	1.38	37	300	20	100	328	0.587	0.875

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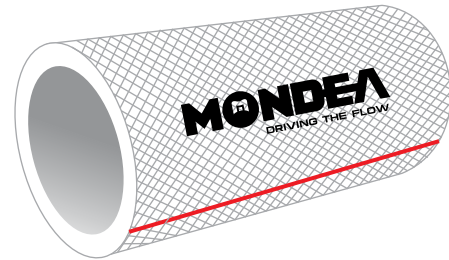
PVC HOSE

PVC NYLON TRANSPARANT HOSE (HYPREX)

APPLICATION/USE

Application : Air, Water and food transfer. Light Vacuum lines.
 Tube : Clear flexible PVC
 Reinforcement : High tensile synthetic yarn
 Cover : Clear flexible PVC (with orange stripe)

Temperature : 23°F to 140°F (-5°C to 60°C)
 Safety Factor : 2 : 1
 Branding : MONDEA HYPREX HOSE



PART No.	ID		OD		MAX. WORK PRESSURE		STANDART LENGTH		APPROX WEIGHT	
	in	mm	in	mm	psi	bar	(M)	(FT)	(lbs/ft)	(Kg/m)
006PVN7	1/4	6.4	0.45	11.5	100	7	100	328	0.058	0.086
008PVN7	5/16	7.9	0.52	13.3	100	7	100	328	0.072	0.108
009PVN7	3/8	9.5	0.60	15.2	100	7	100	328	0.089	0.133
012PVN7	1/2	12.7	0.74	18.8	100	7	100	328	0.121	0.181
016PVN7	5/8	15.9	0.87	22.2	100	7	100	328	0.152	0.226
019PVN7	3/4	19.1	1.02	25.9	100	7	100	328	0.193	0.228
025PVN7	1	25.4	1.30	33.1	100	7	100	328	0.285	0.424
032PVN7	1.1/4	31.8	1.67	42.5	75	5	100	328	0.503	0.749
038PVN7	1.1/2	38.1	1.93	49	75	5	50	164	0.600	0.894
051PVN7	2	50.8	2.48	63	75	5	50	164	0.878	1.308

PVC GARDEN HOSE (DOF)

APPLICATION/USE

Application : For water discharge in agriculture, garden and etc.
 Tube : Green/Blue/Orange/Purple/Clear flexible PVC
 Reinforcement : -
 Cover : -

Temperature : 23°F to 140°F (-5°C to 60°C)
 Safety Factor : -
 Branding : MONDEA PVC DOF



PART No.	ID		OD		STANDART LENGTH		APPROX WEIGHT	
	in	mm	in	mm	(M)	(FT)	(lbs/ft)	(Kg/m)
013PVD	1/2	12.0	0.59	15.5	50	164	0.062	0.092
016PVD	5/8	15.0	0.69	18.6	50	164	0.078	0.116
019PVD	3/4	18.8	0.83	22.6	50	164	0.101	0.151
025PVD	1	24.0	1.08	28	50	164	0.134	0.199
038PVD	1.1/2	38.0	1.61	41	50	164	0.247	0.369

* Please contact us if you should require sizes / lengths or specifications other than the ones indicated above



PVC HOSE

PVC FLEX HOSE

APPLICATION/USE

Application : For water discharge in agriculture, garden and etc.
 Tube : Green or Blue Flexible PVC
 Reinforcement : -
 Cover : -

Temperature : 23°F to 140°F (-5°C to 60°C)
 Safety Factor : -
 Branding : MONDEA PVC FLEX



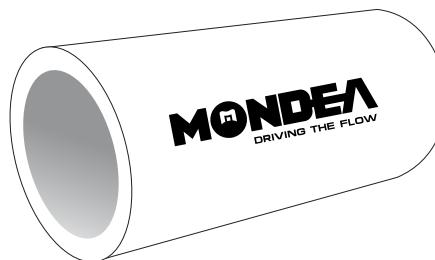
PART No.	ID		OD		STANDART LENGTH		APPROX WEIGHT	
	in	mm	in	mm	(M)	(FT)	(lbs/ft)	(Kg/m)
013PVF	1/2	11.8	0.64	16.2	50	164	0.080	0.119
016PVF	5/8	14.5	0.77	19.0	50	164	0.110	0.164
019PVF	3/4	18.0	0.95	24.0	50	164	0.163	0.243
025PVF	1	23.8	1.21	30.8	50	164	0.202	0.301

TRANSPARENT HOSE

APPLICATION/USE

Application : For transfer water and air
 Tube : Clear Flexible PVC
 Reinforcement : -
 Cover : -

Temperature : 23°F to 140°F (-5°C to 60°C)
 Safety Factor : -
 Branding : -



PART No.	ID		OD		STANDART LENGTH		APPROX WEIGHT	
	in	mm	in	mm	(M)	(FT)	(lbs/ft)	(Kg/m)
006PST	1/4	5.8	0.29	7.3	50	164	0.013	0.019
008PST	5/16	7.3	0.35	8.9	50	164	0.017	0.025

* Please contact us if you should require sizes / lengths or specifications other than the ones indicated above



CONVERSION TABLE

Temperature Conversion Table

-459 to 0			0 to 100						100 to 100					
°C	°F	°F	°C	°F	°F	°C	°F	°F	°C	°F	°F	°C	°F	°F
-273	-459.4		-17.8	0	32	10	50	122	38	100	212	260	500	932
-268	-450		-17.2	1	33.8	10.6	51	123.8	43	110	230	266	510	950
-262	-440		-16.7	2	35.6	11.2	52	125.6	49	120	248	271	520	968
-257	-430		-16.1	3	37.4	11.7	53	127.4	54	130	266	277	530	986
-251	-420		-15.6	4	39.2	12.2	54	129.2	60	140	284	282	540	1004
-246	-410		-15	5	41	12.8	55	131	66	150	302	288	550	1022
-240	-400		-14.4	6	42.8	13.3	56	132.8	71	160	320	293	560	1040
-234	-390		-13.9	7	44.6	13.9	57	134.6	77	170	338	299	570	1058
-229	-380		-13.3	8	46.4	14.4	58	136.4	82	180	356	304	580	1076
-223	-370		-12.8	9	48.2	15	59	138.2	88	190	374	310	590	1094
-218	-360		-12.2	10	50	15.6	60	140	93	200	392	316	600	1112
-212	-350		-11.7	11	51.8	16.1	61	141.8	99	210	410	321	610	1130
-207	-340		-11.1	12	53.6	16.7	62	143.6	104	220	428	327	620	1148
-201	-330		-10.6	13	55.4	17.2	63	145.4	110	230	446	332	630	1166
-196	-320		-10	14	57.2	17.8	64	147.2	116	240	464	338	640	1184
-190	-310		-9.4	15	59	18.3	65	149	121	250	482	343	650	1202
-184	-300		-8.9	16	60.8	18.9	66	150.8	127	260	500	349	660	1220
-179	-290		-8.3	17	62.6	19.4	67	152.6	132	270	518	354	670	1238
-173	-280		-7.8	18	64.4	20	68	154.4	138	280	536	360	680	1255
-168	-270	-454	-6.7	19	68	21.1	70	158	143	290	554	371	700	1292
-162	-260	-436	-6.1	20	69.8	21.7	71	159.8	149	300	572	377	710	1310
-157	-250	-418	-5.6	21	71.6	22.2	72	161.6	154	310	590	382	720	1328
-151	-240	-400	-5	22	73.4	22.8	73	163.4	160	320	608	388	730	1346
-146	-230	-382	-4.5	23	75.2	23.3	74	165.2	166	330	626	393	740	1364
-140	-220	-364	-3.9	24	77	23.9	75	167	171	340	644	399	750	1382
-134	-210	-346	-3.3	25	78.8	24.4	76	168.8	176	350	662	404	760	1400
-129	-200	-328	-2.8	26	80.6	25	77	170.6	182	360	680	410	770	1418
-123	-190	-310	-2.2	27	82.4	25.6	78	172.4	188	370	698	416	780	1436
-118	-180	-292	-1.7	28	84.2	26.1	79	174.2	193	380	716	421	790	1454
-112	-170	-274	-1.1	29	86	26.7	80	176	199	390	734	427	800	1472
-107	-160	-256	0.6	30	87.8	27.2	81	177.8	204	400	752	432	810	1490
-101	-150	-238	0	31	89.6	27.8	82	179.6	210	410	770	438	820	1508
-96	-140	-220	0.6	32	91.4	28.3	83	181.4	216	420	788	443	830	1526
-90	-130	-202	1.1	33	93.2	28.9	84	183.2	221	430	806	449	840	1544
-84	-120	-184	1.7	34	95	29.4	85	185	227	440	824	454	850	1562
-79	-110	-166	2.2	35	96.8	30	86	186.8	232	450	842	460	860	1580
-73	-100	-148	2.8	36	98.6	30.6	87	188.6	238	460	860	466	870	1598
-68	-90	-130	3.3	37	100.4	31.1	88	190.4	243	470	878	471	880	1616
-62	-80	-112	3.9	38	102.2	31.7	89	192.2	249	480	896	477	890	1634
-57	-70	-94	4.4	39	104	32.2	90	194	254	490	914	482	900	1652
-51	-60	-76	5	40	105.8	32.8	91	195.8				488	910	1670
-46	-50	-58	5.6	41	107.6	33.3	92	197.6				493	920	1688
-40	-40	-40	6.1	42	109.4	33.9	93	199.4				499	930	1706
-34	-30	-22	6.7	43	111.2	34.4	94	201.2				504	940	1724
-29	-20	-4	7.2	44	113	35	95	203				510	950	1742
-23	-10	14	7.8	45	114.8	35.6	96	204.8				515	960	1760
-17.8	0	32	8.3	46	116.6	36.1	97	206.6				521	970	1778
			8.9	47	118.4	36.7	98	208.4				527	980	1796
			9.4	48	120	37.2	99	210.2				532	990	1814
						37.8	100	212				538	1000	1832



TOLERANCES

Hose Inside Diameter (ID) and Outside Diameter (OD) Tolerance

Minimal & Maximal ID (Inside Diameter) mm								
Stated ID (mm)	Type A		Type B		Type C		Type D	
	min	max	min	max	min	max	min	max
3.2	3.2	3.8	N/A	N/A	N/A	N/A	3.0	3.4
4	4.0	4.8	4.0	4.8	3.4	4.6	3.7	4.3
5	4.6	5.4	4.6	5.4	4.2	5.4	4.7	5.3
6.3	6.2	7.0	6.2	7.0	5.6	7.2	6.0	6.6
8	7.7	8.5	7.7	8.5	7.2	8.8	7.7	8.3
10	9.3	10.1	9.3	10.1	8.7	10.3	9.7	10.3
12.5	12.3	13.5	12.3	13.5	11.9	13.5	12.2	12.8
16	15.5	16.7	15.5	16.7	15.1	16.7	15.7	16.3
19	18.6	19.8	18.6	19.8	18.3	19.9	18.4	19.6
20	19.6	18.6	19.6	20.8	19.3	20.9	N/A	N/A
25	25.0	26.4	25.0	26.4	24.2	26.6	24.4	25.6
31.5	31.4	33.0	31.4	33.0	30.2	33.4	30.9	32.1
38	37.7	39.3	37.7	39.3	36.5	39.7	37.4	38.6
40	39.7	41.3	39.7	41.3	38.5	41.7	N/A	N/A
50	49.4	51.0	N/A	N/A	48.1	51.6	N/A	N/A
51	50.4	52.0	N/A	N/A	49.1	52.6	50.2	51.8
63	63.1	65.1	N/A	N/A	61.5	65.5	62.2	63.8
76	74.6	77.8	N/A	N/A	74.2	78.2	75.0	77.0
80	78.6	81.8	N/A	N/A	78.2	82.2	N/A	N/A
90	87.3	90.5	N/A	N/A	N/A	N/A	N/A	N/A
100	100.0	103.2	N/A	N/A	99.4	103.9	N/A	N/A
125	125.4	128.6	N/A	N/A	124.8	129.3	N/A	N/A
150	150.4	154.4	N/A	N/A	150.2	154.7	N/A	N/A
160	N/A	N/A	N/A	N/A	162.9	167.4	N/A	N/A
200	200.7	205.7	N/A	N/A	200.2	206.2	N/A	N/A
250	251.0	257.0	N/A	N/A	251.0	257.0	N/A	N/A
305	301.8	307.8	N/A	N/A	301.8	307.8	N/A	N/A
315	314.5	320.5	N/A	N/A	N/A	N/A	N/A	N/A
350	N/A	N/A	N/A	N/A	351.6	359.6	N/A	N/A
400	N/A	N/A	N/A	N/A	402.4	402.4	N/A	N/A

N/A = Not Available

Note :

Type A : Refers to hose manufactured with rigid mandrel

Type B : Refers to hose manufactured with flexible mandrel

Type C : Refers to hose manufactured without mandrel

Type D : Refers to plastic hoses manufactured without mandrel

ID tolerances according to ISO 1307 : 2006

Suggested Outside Diameters For Heavy Duty Hoses			
Nominal bore	Type B & B1	Type C,D & D	Tolerances
12.5	22.5	22.5	± 1.25
16	26.0	26.0	± 1.25
20	32.6	32.6	± 1.25
25	37.6	37.6	± 1.50
31.5	44.1	47.5	± 1.50
40	52.6	56.0	± 1.75
50	66.0	70.0	± 1.75
63	79.0	83.0	± 1.75
80	96.0	100.0	± 2.00
100	116.0	124.0	± 2.00
6"	173.0	176.0	± 2.00
8"	225.0	234.0	± 2.00
10"	278.0	286.0	± 3.00
12"	332.0	337.0	± 3.00
14"	380.0	384.0	± 3.00
16"	440.0	444.0	± 3.00

Note :

Type B Maximum WP 10 Bar

Type B1 Maximum WP 10 Bar (Oil Suction)

Type C Maximum WP 16 Bar

Type D Maximum WP 25 Bar

Type D1 Maximum WP 10 Bar (Oil Suction)

ID and OD tolerances according to ISO 1307 : 2006

Other sizes, lengths and hose types can be manufactured on request.