



Kuriyama Manure & Irrigation Layflat Hoses

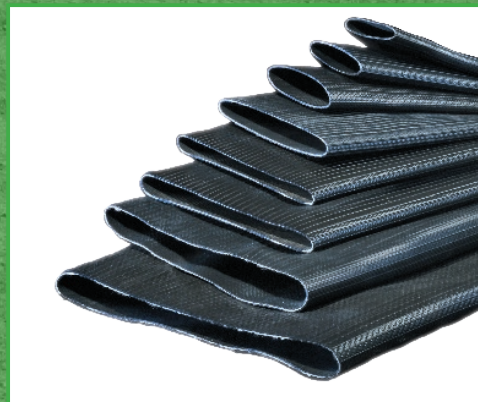
Manufacturer of heavy duty polyurethane and PVC/Nitrile hoses to the agricultural industry.

High quality, ISO 9001 European design and manufacturing.

by



A Kuriyama Group Company



OFDG Series Polyurethane Manure Drag Hose

General Applications:

- Drag and transport lines for slurry/manure injection and spreading
- Irrigation feeding line

Construction:

Green polyurethane (TPU) hose using an extruded through-the-weave process with circular woven high tenacity polyester reinforcement.

Service Temperature Range:

-58°F (-50°C) to +150°F (+65°C);
Intermittent service to +175°F (+79°C)

Features and Advantages:

- **Premium Polyurethane (TPU) Material** – Exhibits exceptional resistance to abrasion, allowing for use in applications where severe abrasion is a factor and providing longer service life versus rubber or PVC hoses. Also, exhibits exceptional resistance to oils and petroleum based products.
- **Unique Woven Construction** – Specially designed weave pattern provides resistance to snaking, kinking, stretching and twisting.
- **Longer Lengths** – Manufactured in special 660 foot lengths to reduce possible leaking points.
- **Smooth TPU Tube** – Provides low friction loss.
- **Compact Design** – Flat hose design rolls up into tight coils for easy storage and transport, takes up less space than other hoses.



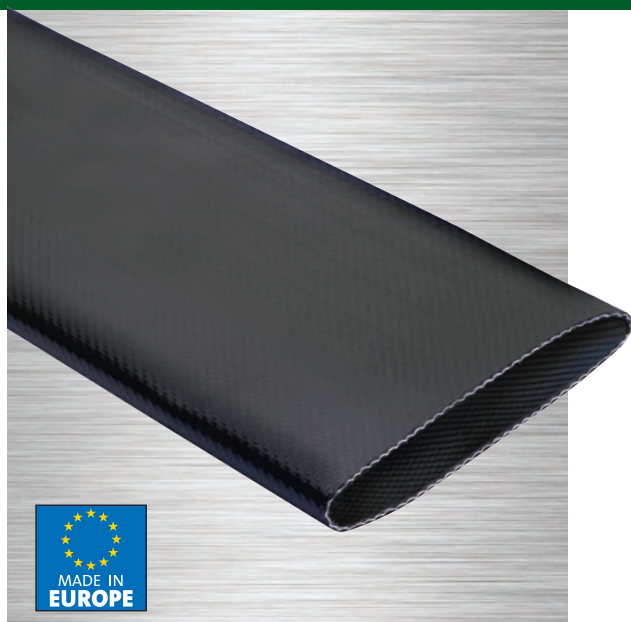
Ideal for drag manure spreading.

Nominal Specifications

Series Number	Size		Hose ID		Wall Thickness (in)	Working Pressure (psi) at 68°F	Burst Pressure (psi) at 68°F	Coil Length (ft)	Tensile Strength (lbs)	Weight (lbs/ft)
	(in)	(mm)	(in)	(mm)						
+OFDG-400	4	101.6	4.110	104.4	0.140	245	605	660	28,900	0.87
+OFDG-450	4 1/2	114.3	4.598	116.8	0.140	200	505	660	35,300	0.94
OFDG-500	5	127.0	5.020	127.5	0.150	200	505	660	39,700	1.14
OFDG-550	5 1/2	139.7	5.571	141.5	0.150	175	435	660	44,100	1.28
OFDG-600	6	152.4	6.003	152.5	0.150	175	435	660	55,100	1.38

+ **NOTE:** This is a non-stock product. Minimum order requirements may apply. Contact Kuriyama customer service for details.

Because we continually examine ways to improve our products, we reserve the right to alter specifications without notice.



Ideal for water transfer.

OFTR Series Polyurethane Discharge Hose

General Applications:

- Dewatering
- Fluid transfer (see chemical chart)
- Large volume water transfer including fracking
- Manure transfer
- Mining

Construction:

Black polyurethane (TPU) hose using an extruded through-the-weave process with circular woven high tenacity polyester reinforcement.

Service Temperature Range:

-58°F (-50°C) to +150°F (+65°C);
Intermittent service to +175°F (+79°C)

Features and Advantages:

- **Premium Polyurethane (TPU) Material** – Exhibits exceptional resistance to abrasion, allowing for use in applications where severe abrasion is a factor and providing longer service life versus rubber or PVC hoses. Also, exhibits exceptional resistance to oils and petroleum based products.
- **Unique Woven Construction** – Specially designed weave pattern provides resistance to snaking, kinking, stretching and twisting.
- **Longer Lengths** – Manufactured in special 660 foot lengths to reduce possible leaking points.
- **Smooth TPU Tube** – Provides low friction loss.
- **Compact Design** – Flat hose design rolls up into tight coils for easy storage and transport, takes up less space than other hoses.

Nominal Specifications

Series Number	Size		Hose ID		Wall Thickness (in)	Working Pressure (psi) at 68°F	Burst Pressure (psi) at 68°F	Coil Length (ft)	Tensile Strength (lbs)	Weight (lbs/ft)
	(in)	(mm)	(in)	(mm)						
+OFTR-400	4	101.6	4.008	101.8	0.140	320	800	660	26,450	0.90
+OFTR-600	6	152.4	6.000	152.4	0.180	320	800	660	63,950	1.66
OFTR-800	8	203.2	8.100	206.0	0.165	200	600	660	77,200	2.22
OFTR-1000	10	254.0	10.100	256.0	0.169	200	500	660	99,200	2.80
OFTR-1200	12	304.8	12.106	307.5	0.185	175	435	660	121,300	3.43
+OFTRH-1200	12	304.8	12.106	307.5	0.185	200	500	660	154,300	3.55

+ NOTE: This is a non-stock product. Minimum order requirements may apply. Contact Kuriyama customer service for details.

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OF20B Series PVC/Nitrile Rubber Discharge Hose

General Applications:

- Transfer of manure or water

Construction:

Black PVC/Nitrile hose using an extruded through-the-weave process with circular woven high tenacity polyester reinforcement.

Service Temperature Range:

-20°F (-29°C) to +176°F (+80°C)

Features and Advantages:

- **Proprietary PVC/Nitrile Material** – Specially developed PVC/Nitrile material provides superior abrasion, UV, chemical and oil resistance compared to PVC hoses.
- **Unique Woven Construction** – Specially designed weave pattern provides resistance to snaking, kinking, stretching and twisting.
- **Longer Lengths** – Manufactured in special 660 foot lengths to reduce possible leaking points.
- **Compact Design** – Flat hose design rolls up into tight coils for easy storage and transport, takes up less space than other hoses.



Ideal for water transfer.

Nominal Specifications

Series Number	Size		Hose ID		Wall Thickness (in)	Working Pressure (psi) at 68°F	Burst Pressure (psi) at 68°F	Coil Length (ft)	Tensile Strength (lbs)	Weight (lbs/ft)
	(in)	(mm)	(in)	(mm)						
OF20B-600	6	152.4	6.063	154.0	0.160	290	725	660	51,600	1.68
OF20B-700	7	177.8	7.126	181.0	0.160	230	580	660	66,150	1.88
OF20B-800	8	203.2	8.091	205.5	0.150	200	500	660	77,150	2.22
OF20B-1000	10	254.0	10.059	255.5	0.150	200	500	660	110,250	2.65
OF20B-1200	12	304.8	12.087	307.0	0.160	155	375	660	101,400	3.43

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Ideal for traveling irrigators.

BD Series

PVC/Nitrile Rubber Irrigation Hose

General Applications:

- Irrigation supply lines
- Slurry, sludge, liquid manure pumping
- Traveling irrigators

Construction:

Black PVC/Nitrile hose using an extruded through-the-weave process with circular woven high tenacity polyester reinforcement.

Service Temperature Range:

-20°F (-29°C) to +176°F (+80°C)

Features and Advantages:

- **Proprietary PVC/Nitrile Material** – Specially developed PVC/Nitrile material provides superior abrasion, UV, chemical and oil resistance compared to PVC hoses.
- **Superior Snaking Resistance!** – Specially designed to virtually eliminate instances of hose snaking, making the hose ideal for use on traveling irrigators.
- **Unique Woven Construction** – Specially designed weave pattern provides resistance to kinking, stretching and twisting.
- **Longer Lengths** – Manufactured in special 660 foot lengths to reduce possible leaking points.
- **Compact Design** – Flat hose design rolls up into tight coils for easy storage and transport, takes up less space than other hoses.

Nominal Specifications

Series Number	Size		Hose ID		Wall Thickness (in)	Working Pressure (psi) at 68°F	Burst Pressure (psi) at 68°F	Coil Length (ft)	Tensile Strength (lbs)	Weight (lbs/ft)
	(in)	(mm)	(in)	(mm)						
BD250	2 1/2	63.5	2.598	66.0	0.120	290	725	660	11,728	0.57
BD300	3	76.2	3.051	77.5	0.120	260	650	660	18,475	0.67
BD350	3 1/2	88.9	3.543	90.0	0.130	230	580	660	20,503	0.77
BD400	4	101.6	4.067	103.3	0.130	200	505	660	22,046	0.94
BD450	4 1/2	114.3	4.626	117.5	0.130	175	435	660	25,353	1.08
BD500	5	127.0	5.020	127.5	0.140	175	435	660	27,161	1.21
BD600	6	152.4	6.043	153.5	0.140	175	435	660	33,069	1.41

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