



# KURIYAMA Layflat Municipal

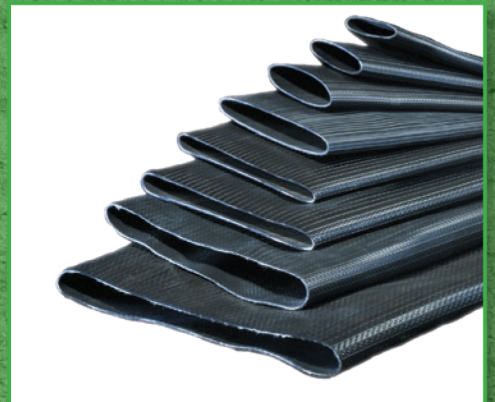
*Manufacturer of heavy duty  
polyurethane and PVC/Nitrile  
hoses to the agricultural  
industry.*

*High quality, ISO 9001 European  
design and manufacturing.*

by



A Kuriyama Group  
Company



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# Sterling

Hose, Reel & Supply, LLC.

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EDITION 0420

## 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.

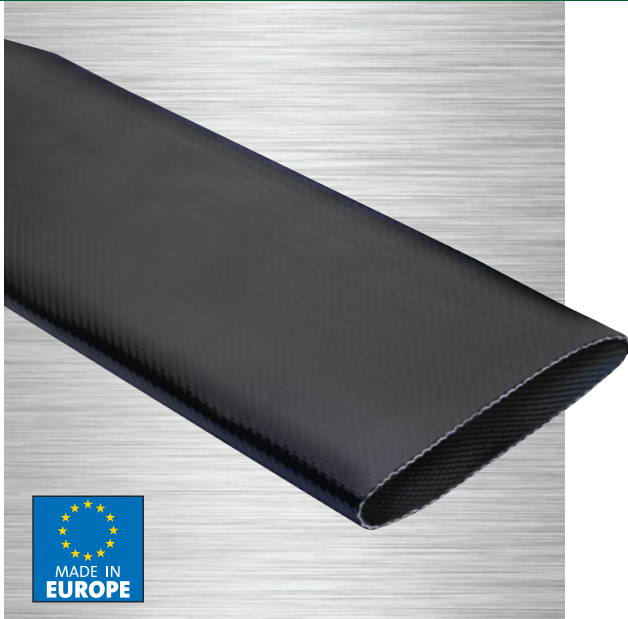


*Ideal for drag manure spreading.*

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.



## 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.



*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)						
+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:** NSF/ANSI/Can Standard 61 – Hose can be specially manufactured and certified on request. Contact Kuriyama customer service for details.

**+ 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:

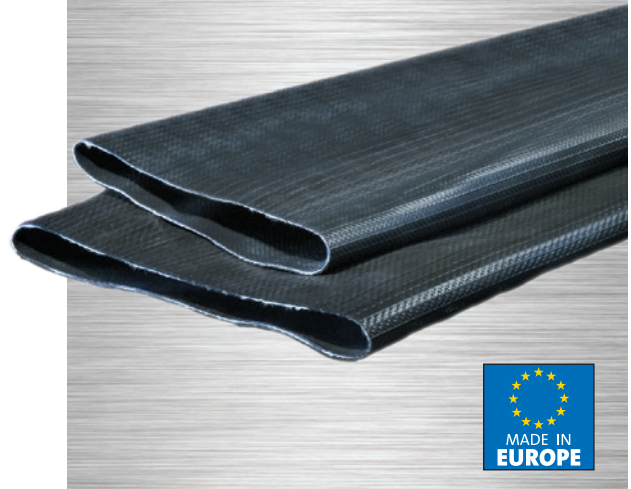
Black PVC/Nitrile hose using an extruded through-the-weave process with circular woven high tenacity polyester reinforcement.

### 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.

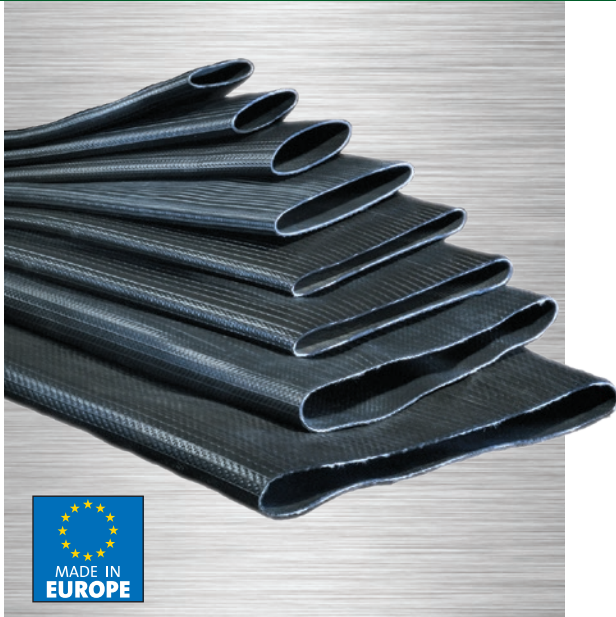


*Ideal for water transfer.*

## 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	660/100/50	110,250	2.65
OF20B-1200	12	304.8	12.087	307.0	0.160	155	375	660/100/50	101,400	3.43

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



## 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.



*Ideal for traveling irrigators.*

## 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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Hose or tubing used in bent configurations will be subjected to increased abrasion. Hose clamps or couplings may loosen after initial installation and all sections of hose and tubing including connections, couplings, clamps, conductivity and bonding should be inspected frequently, regularly and consistently, and should be replaced, adjusted or re-tightened for the avoidance of leakage, for the prevention of injuries or damages, and for general safety purposes. Except as indicated in its Limited Warranty, Seller shall not be liable or responsible for direct or indirect injuries or damages caused by or attributed to the failure or malfunction of any Products sold or distributed by it.

Purchasers or users of the Products should frequently and consistently undertake inspections and protective measures with respect to the use and application of Products, which should include the examination of tube and cover, conditions of the hose or tubing, and the identification, repair or replacement of sections showing cracking, blistering, separations, internal and external abrasions, leaking or slipped couplings or connections and make proper proof tests.

## Limited Warranty

The Products sold or distributed by Seller are warranted to its customers to be free from defects in material and workmanship at the time of shipment by us, subject to the following provisions. ALL WARRANTY CLAIMS SHALL BE MADE WITHIN SIX (6) MONTHS AFTER SELLER SHIPPED THE PRODUCTS. SELLER'S LIABILITY HEREUNDER IS LIMITED AT SELLER'S EXCLUSIVE DISCRETION, TO 1) THE PURCHASE PRICE OF ANY PRODUCTS PROVING DEFECTIVE; 2) REPAIR OF ANY DEFECTIVE PRODUCT OR PART THEREOF; OR 3) REPLACEMENT OF ANY DEFECTIVE PRODUCT OR PART UPON ITS AUTHORIZED RETURN TO SELLER.

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