

## FOR IN-PLANT OR TANK TRUCK USE TO TRANSFER FOOD GRADE PRODUCTS

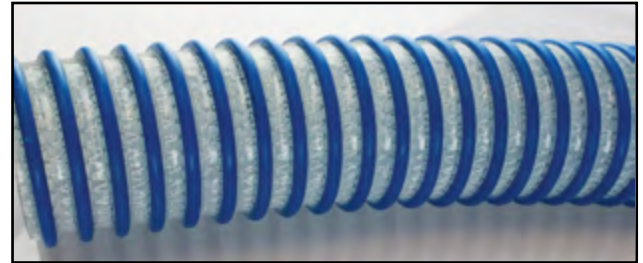
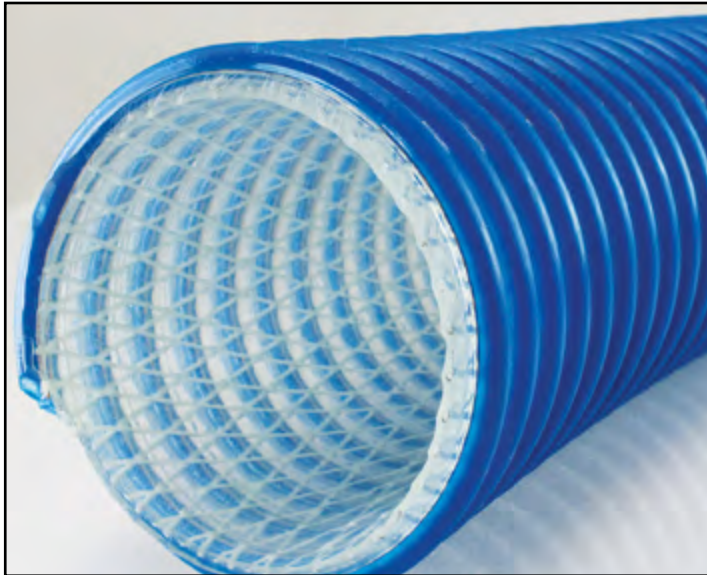
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*Hoses are constantly being upgraded. Jason Industrial reserves the right to make changes in construction without prior notice.*

*We disclaim any liability for use of our products in applications other than which they are designed.*



## 3000 POLYURETHANE FDA USDA MATERIAL HANDLING HOSE - SΩ



**CONSTRUCTION:** Polyurethane tube with high tensile strength polyester yarn reinforcement. Clockwise PVC helix with SΩ ground wire.

**TEMPERATURE:** -40°F (-40°C) to +140°F (+60°C)

**APPLICATION:** Heavy duty food grade material handling, railcar unloading, abrasive suction and transfer.

**SAFETY FACTOR:** 3:1

**FEATURES:**

- Meets FDA requirements
- Approved by USDA for use in meat & poultry plants
- Clear visual flow and higher transfer pressures
- Safety Ohm (SΩ) ground wire embedded into the hose wall to help prevent the build-up of static electricity. SΩ wire must be secured to ground to dissipate static electricity.
- -40°F cold weather resistance with sub-zero flexibility
- Easy to drag with "Go-Glide" external clockwise PVC helix
- Vacuum up to 29" of Hg

Part Number	I.D.		O.D.		Reinf. Braids	Max W.P. @ 68°F		Vacuum @ 68°F	Weight		Minimum Bend Radius		Std. Length (ft.)
	in.	mm	in.	mm		PSI	BAR		lb./ft.	KG/m	in.	mm	
3000-0300-100	3	76.20	3.80	96.52	1	70	4.83	29.0	1.20	1.79	4.00	101.60	100
3000-0400-100	4	101.60	4.85	123.19	1	65	4.48	29.0	1.60	2.38	6.00	152.40	100
3000-0500-020	5	127.00	5.80	147.32	1	45	3.10	29.0	2.46	3.66	10.00	254.00	20
3000-0500-050	5	127.00	5.80	147.32	1	45	3.10	29.0	2.46	3.66	10.00	254.00	50
3000-0500-100	5	127.00	5.80	147.32	1	45	3.10	29.0	2.46	3.66	10.00	254.00	100
3000-0600-020	6	152.40	6.92	175.77	1	40	2.76	29.0	2.86	4.26	12.00	304.80	20
3000-0600-050	6	152.40	6.92	175.77	1	40	2.76	29.0	2.86	4.26	12.00	304.80	50
3000-0600-100	6	152.40	6.92	175.77	1	40	2.76	29.0	2.86	4.26	12.00	304.80	100

**Working pressure (W.P.) is temperature dependent. See the General Information section Table II - Pressure Re-Rating for increased Temperatures (Page 10) for more information.**

SΩ = Safety OHM

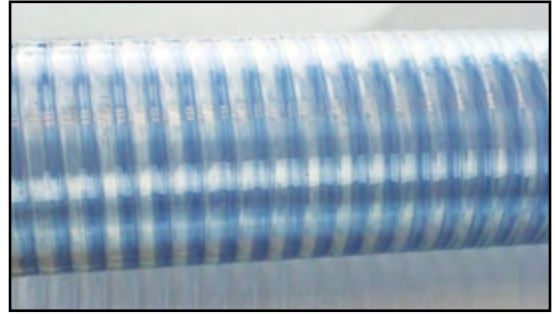
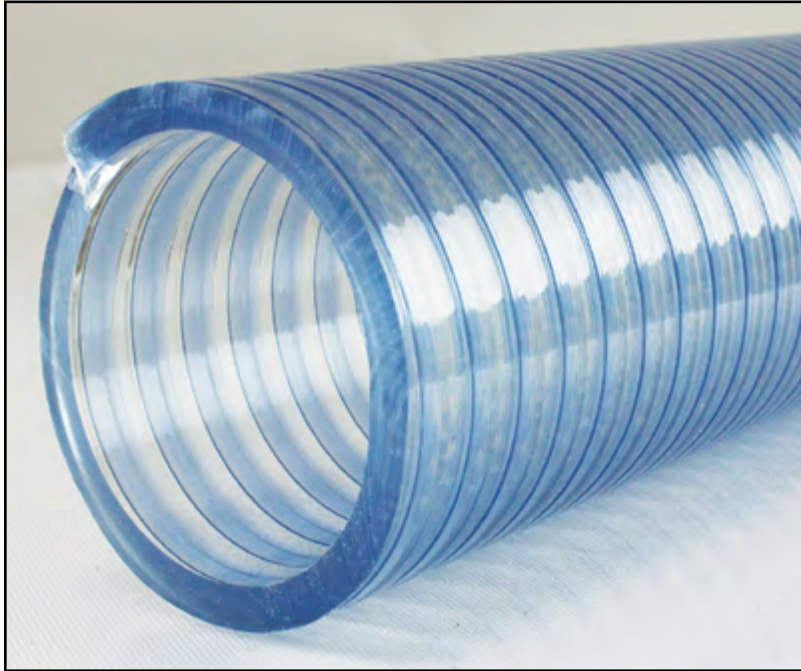
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## 3010

## HD PVC FDA USDA 3-A LIQUID FOOD SUCTION HOSE



**CONSTRUCTION:** PVC tube with a sturdy clockwise PVC helix.

**TEMPERATURE:** -5°F (-23°C) to +140°F (+60°C)

**APPLICATION:** Transfer of food grade liquids, such as juices, wine, beer and potable water and dairy products.

**FEATURES:**

- Meets FDA requirements
- Approved by USDA for use in meat and poultry plants
- Meets 3-A sanitary standards, which includes processing dairy products
- Clear visual flow
- Vacuum up to 29" of Hg

**SAFETY FACTOR:** 3:1

Part Number	I.D.		O.D.		Reinf.	Max. W.P. @ 68° F		Vacuum @ 68° F	Weight		Minimum Bend Radius		Std. Length. (ft.)
	inch	mm	inch	mm		PSI	BAR		lb./ft.	KG/m	inch	mm	
3010-0100-100	1	25.40	1.24	31.50	PVC Helix	71	4.90	29.9	0.26	0.39	3.00	76.20	100
3010-0125-100	1-1/4	31.75	1.54	39.12	PVC Helix	64	4.41	29.9	0.34	0.51	4.00	101.60	100
3010-0150-100	1-1/2	38.10	1.82	46.23	PVC Helix	57	3.93	29.9	0.44	0.65	6.00	152.40	100
3010-0200-100	2	50.80	2.39	60.71	PVC Helix	57	3.93	29.9	0.74	1.10	8.00	203.20	100
3010-0250-100	2-1/2	63.50	2.93	74.42	PVC Helix	57	3.93	29.9	1.01	1.50	10.00	254.00	100
3010-0300-100	3	76.20	3.43	87.12	PVC Helix	57	3.93	29.9	1.21	1.80	12.00	304.80	100
3010-0400-100	4	101.60	4.53	115.06	PVC Helix	43	2.97	29.9	2.02	3.01	15.00	381.00	100

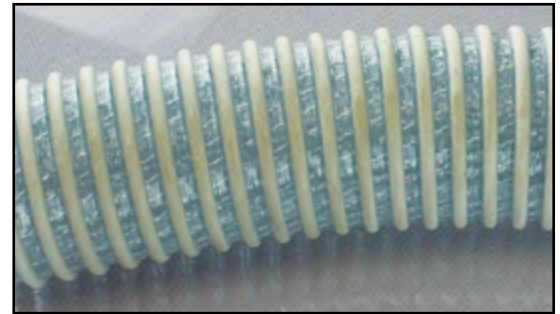
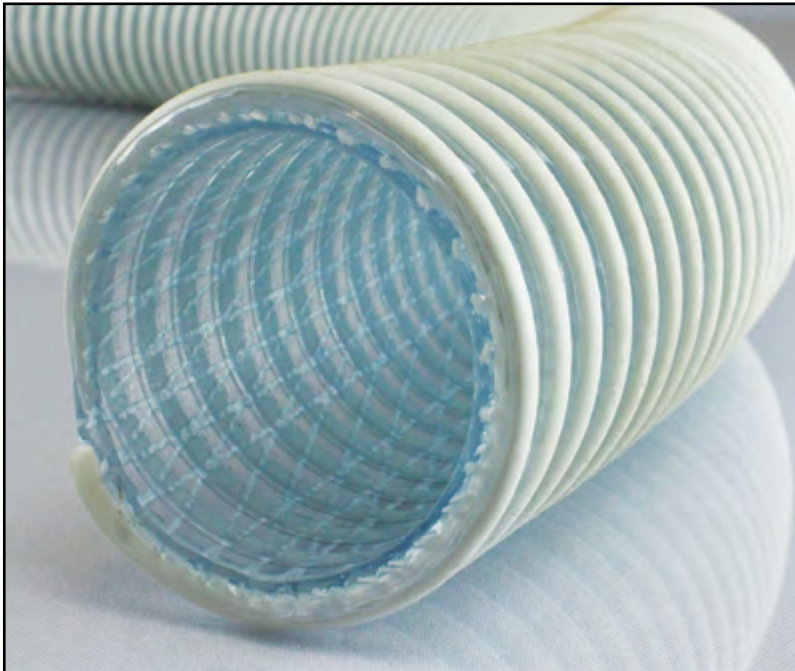
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**3012**

**PVC FDA 3-A LIQUID SUCTION HOSE - SΩ**



**CONSTRUCTION:** Non-toxic food grade PVC helix (white) and PVC tube.  
Reinforcement is one synthetic braid.

**TEMPERATURE:** -50°F (-46°C) to +150°F (+66°C)

**BRANDING:** None

**APPLICATION:** Food handling and heavy duty suction and discharge applications. Also for processing wine, beer, food paste, dairy and syrup.

**FEATURES:**

- Meets FDA, USDA and 3A sanitary standards
- Clear, visual flow
- Easy to drag with "Go-Glide" external clockwise PVC helix
- Vacuum rating up to 29" of HG
- Safety Ohm (SΩ) ground wire embedded into the hose wall to help prevent the build-up of static electricity. SΩ wire must be secured to ground to dissipate static electricity.
- -50°F cold weather resistant and still flexible

**SAFETY FACTOR:** 3:1

Part Number	I.D.		O.D.		Reinf. Braids	Max. W.P. @ 68° F		Vacuum @ 68° F	Weight		Minimum Bend Radius		Std. Length. (ft.)
	inch	mm	inch	mm		PSI	BAR		lb./ft.	KG/m	inch	mm	
3012-0150-100	1-1/2	38.10	2.03	51.56	1	110	7.58	29.0	0.47	0.70	2.50	63.50	100
3012-0200-100	2	50.80	2.60	66.04	1	100	6.89	29.0	0.69	1.02	4.00	101.60	100
3012-0300-100	3	76.20	3.70	93.98	1	100	6.89	28.0	1.13	1.68	6.00	152.40	100
3012-0400-100	4	101.60	4.78	121.41	1	80	5.51	28.0	1.74	2.58	7.00	177.80	100
3012-0500-100	5	127.00	6.04	153.42	1	70	4.83	28.0	2.99	4.44	9.00	228.60	100

**Working pressure (W.P.) is temperature dependent. See the General Information section Table II - Pressure Re-Rating for increased Temperatures (Page 10) for more information.**

SΩ = Safety OHM

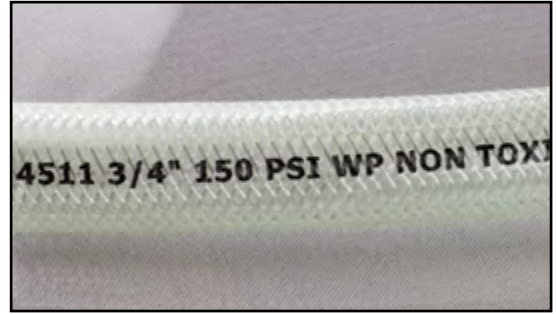
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## 4511

## FDA BRAIDED PVC HOSE



**CONSTRUCTION:** Tube and cover are crystal clear, non-toxic FDA Grade.  
Reinforcement one braid of synthetic material.

**TEMPERATURE:** -14°F (-26°C) to +140°F (+60°C)

**BRANDING:** Jason logo ID (INCH) WP (PSI) FDA NON-TOXIC, Country of Origin.

**SAFETY FACTOR:** 3:1

**APPLICATION:** Food and beverage dispensing, potable water, air, breathing lines, packaging and equipment, lube lines and other visual flow applications.

**FEATURES:**

- One piece coils
- FDA Grade tube and cover
- Resists chemical, ozone and weathering
- Capable of handling a wide variety of food products

Part Number	I.D.		O.D.		Reinf. Braids	Max. W.P. @ 68° F		Vacuum @ 68° F	Weight		Minimum Bend Radius		Std. Length. (ft.)
	inch	mm	inch	mm		PSI	BAR		lb./ft.	KG/m	inch	mm	
4511-0251	1/4	6.35	0.45	11.43	1	250	17.24	n/a	0.04	0.06	n/a	n/a	300
4511-0311	5/16	7.94	0.47	11.94	1	250	17.24	n/a	0.05	0.07	n/a	n/a	300
4511-0381	3/8	9.53	0.55	13.97	1	200	13.79	n/a	0.07	0.10	n/a	n/a	300
4511-0501	1/2	12.70	0.69	17.53	1	150	10.35	n/a	0.10	0.15	n/a	n/a	300
4511-0631	5/8	15.88	0.82	20.83	1	150	10.35	n/a	0.12	0.18	n/a	n/a	300
4511-0751	3/4	19.05	0.99	25.15	1	150	10.35	n/a	0.18	0.27	n/a	n/a	300
4511-1001	1	25.40	1.28	32.51	1	125	8.62	n/a	0.27	0.40	n/a	n/a	300
4511-1251	1-1/4	31.75	1.61	40.89	1	100	6.89	n/a	0.44	0.65	n/a	n/a	100
4511-1501	1-1/2	38.10	1.85	46.99	1	70	4.83	n/a	0.51	0.76	n/a	n/a	100
4511-2001	2	50.80	2.39	60.71	1	60	4.14	n/a	0.74	1.10	n/a	n/a	100

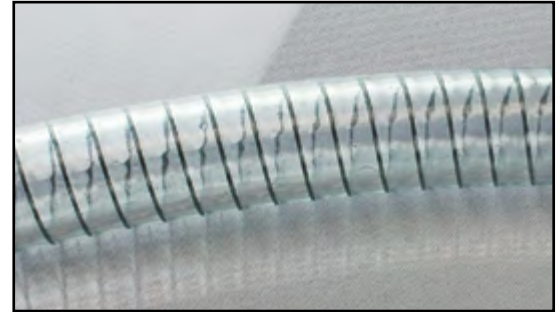
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## 4600

## FDA SPRING WIRE PVC HOSE



**CONSTRUCTION:** Tube and cover are crystal clear, FDA Grade. Reinforcement is electro-galvanized spring steel wire.

**TEMPERATURE:** -14°F (-26°C) to +140°F (+60°C)

**BRANDING:** None

**APPLICATION:** Food and beverage dispensing, air, water, coolant, car wash, deionized water systems and other clear flow applications.

**FEATURES:**

- Clear food grade PVC allows for visual flow inspection
- Spring steel wire prevents kinking and collapsing
- All sizes are full vacuum

**SAFETY FACTOR:** 3:1

Part Number	I.D.		O.D.		Reinf.	Max. W.P. @ 68° F		Vacuum @ 68°F	Weight		Minimum Bend Radius		Std. Length. (ft.)
	inch	mm	inch	mm		PSI	BAR		lb./ft.	KG/m	inch	mm	
4600-0380	3/8	9.53	0.63	16.00	Wire Spring	100	6.89	29.0	0.10	0.15	0.80	19.10	100
4600-0500	1/2	12.70	0.71	18.03	Wire Spring	100	6.89	29.0	0.13	0.19	1.00	25.40	100
4600-0630	5/8	15.88	0.90	22.86	Wire Spring	100	6.89	29.0	0.17	0.25	1.20	30.00	100
4600-0750	3/4	19.05	1.06	26.92	Wire Spring	100	6.89	29.0	0.24	0.36	1.30	34.00	100
4600-1000	1	25.40	1.31	33.27	Wire Spring	75	5.17	29.0	0.34	0.51	1.70	41.90	100
4600-1250	1-1/4	31.75	1.61	40.89	Wire Spring	75	5.17	29.0	0.50	0.74	2.00	50.80	50
4600-1500	1-1/2	38.10	1.85	46.99	Wire Spring	50	3.45	29.0	0.55	0.82	2.50	63.50	50
4600-2000	2	50.80	2.36	59.94	Wire Spring	50	3.45	29.0	0.84	1.25	3.20	82.00	50
4600-2500	2-1/2	63.50	2.97	75.44	Wire Spring	50	3.45	29.0	1.21	1.80	5.50	139.70	50
4600-3000	3	76.20	3.51	89.15	Wire Spring	50	3.45	29.0	1.48	2.20	6.50	165.10	50
4600-3500	3-1/2	88.90	4.09	103.89	Wire Spring	50	3.45	29.0	1.95	2.90	7.50	190.50	50
4600-4000	4	101.60	4.57	116.08	Wire Spring	50	3.45	29.0	2.18	3.24	8.50	215.90	50

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**4460**

## FDA BULK FOOD SUCTION HOSE



**CONSTRUCTION:** Tube is white natural rubber (NR), 3/16" thick, FDA Grade. Cover is natural rubber, gray with flat corrugations. Two-ply reinforcement with a steel wire helix.

**TEMPERATURE:** -40°F (-40°C) to +150°F (+66°C)

**BRANDING:** Jason logo 4460 FDA ID 3/16" Tube BULK FOOD SUCTION WP (PSI) (BAR). Orange mylar longitudinal stripe.

**APPLICATION:** For suction, pneumatic or gravity transfer of flour, sugar, syrup or edible grains.

**FEATURES:**

- Corrugations make the hose extremely flexible
- FDA Grade tube, natural rubber
- Natural rubber cover is weather and abrasion resistant
- All sizes are full vacuum

**SAFETY FACTOR:** 3:1

Part Number	I.D.		O.D.		Reinf. Plies	Max W.P. @ 68°F		Vacuum @ 68°F	Weight		Minimum Bend Radius		Std. Length (ft.)
	in.	mm	in.	mm		PSI	BAR		lb./ft.	KG/m	in.	mm	
4460-0100-100	1	25.40	1.49	37.85	2	150	10.35	29.0	0.69	1.03	4.50	114.30	100
4460-0150-100	1-1/2	38.10	2.20	56.00	2	150	10.35	29.0	0.98	1.46	5.00	127.00	100
4460-0200-100	2	50.80	2.72	69.00	2	150	10.35	29.0	1.37	2.04	6.00	152.40	100
4460-0200-200	2	50.80	2.72	69.00	2	150	10.35	29.0	1.37	2.04	6.00	152.40	200
4460-0250-100	2-1/2	63.50	3.23	82.00	2	150	10.35	29.0	1.67	2.49	8.00	203.20	100
4460-0300-100	3	76.20	3.82	97.00	2	150	10.35	29.0	2.14	3.18	10.00	254.00	100
4460-0350-100	3-1/2	88.90	4.41	112.00	2	150	10.35	29.0	2.60	3.87	12.00	304.80	100
4460-0400-100	4	101.60	4.88	124.00	2	150	10.35	29.0	3.14	4.67	20.00	508.00	100
4460-0450-060	4-1/2	114.30	5.39	137.00	2	150	10.35	29.0	3.94	5.86	22.00	558.00	60
4460-0500-100	5	127.00	5.94	151.00	2	150	10.35	29.0	4.67	6.95	24.00	609.60	100
4460-0600-020	6	152.40	6.89	175.00	2	150	10.35	29.0	5.98	8.90	26.00	660.40	20
4460-0600-100	6	152.40	6.89	175.00	2	150	10.35	29.0	5.98	8.90	26.00	660.40	100
4460-0662-020	6-5/8	168.28	7.52	191.01	2	150	10.35	29.0	7.31	10.88	29.00	736.60	20
4460-0688-020	6-7/8	174.63	7.80	198.13	2	150	10.35	29.0	7.81	11.58	30.00	762.60	20
4460-0800-020	8	203.20	8.94	227.00	2	150	10.35	29.0	9.36	13.93	32.00	812.80	20
4460-0862-020	8-5/8	219.08	9.33	236.98	2	125	8.62	29.0	9.64	14.35	36.00	914.40	20
4460-1000-020	10	254.00	10.83	275.08	2	125	8.62	29.0	11.57	17.22	44.00	1117.60	20
4460-1200-020	12	304.80	12.83	325.88	2	100	6.89	29.0	15.27	22.72	60.00	1524.00	20
4460-1400-020	14	355.60	14.76	374.90	2	100	6.89	29.0	18.41	27.40	72.00	1828.80	20

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## 4465

## FDA LIQUID FOOD SUCTION HOSE



**CONSTRUCTION:** Tube is white nitrile rubber FDA Grade. Cover is nitrile, corrugated and white. Two-ply reinforcement with a steel wire helix.

**TEMPERATURE:** -25°F (-32°C) to +200°F (+93°C)

**BRANDING:** Jason logo 4465 FDA LIQUID FOOD SUCTION WP 150 PSI 10.35 BAR. Blue mylar longitudinal stripe.

**APPLICATION:** For suction and discharge of liquid food products, including oily edibles and beer.

**FEATURES:**

- Corrugations make the hose extremely flexible
- FDA Grade tube, nitrile rubber
- Nitrile rubber cover is weather and abrasion resistant
- All sizes are full vacuum
- Capable of handling a wide variety of food products

**SAFETY FACTOR:** 3:1

Part Number	I.D.		O.D.		Reinf. Plies	Max. W.P. @ 68° F		Vacuum @ 68° F	Weight		Minimum Bend Radius		Std. Length (ft.)
	inch	mm	inch	mm		PSI	BAR		lb./ft.	KG/m	inch	mm	
4465-0075-100	3/4	19.05	1.10	28.00	2	150	10.35	29.0	0.34	0.51	2.40	60.00	100
4465-0100-100	1	25.40	1.38	35.00	2	150	10.35	29.0	0.45	0.67	3.10	80.00	100
4465-0150-100	1-1/2	38.10	2.05	52.07	2	150	10.35	29.0	1.06	1.58	4.00	101.60	100
4465-0200-100	2	50.80	2.56	65.02	2	150	10.35	29.0	1.35	2.01	5.00	127.00	100
4465-0300-100	3	76.20	3.56	90.42	2	150	10.35	29.0	2.08	3.10	6.00	152.40	100
4465-0400-100	4	101.60	4.69	119.13	2	150	10.35	29.0	3.21	4.79	8.00	203.20	100

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