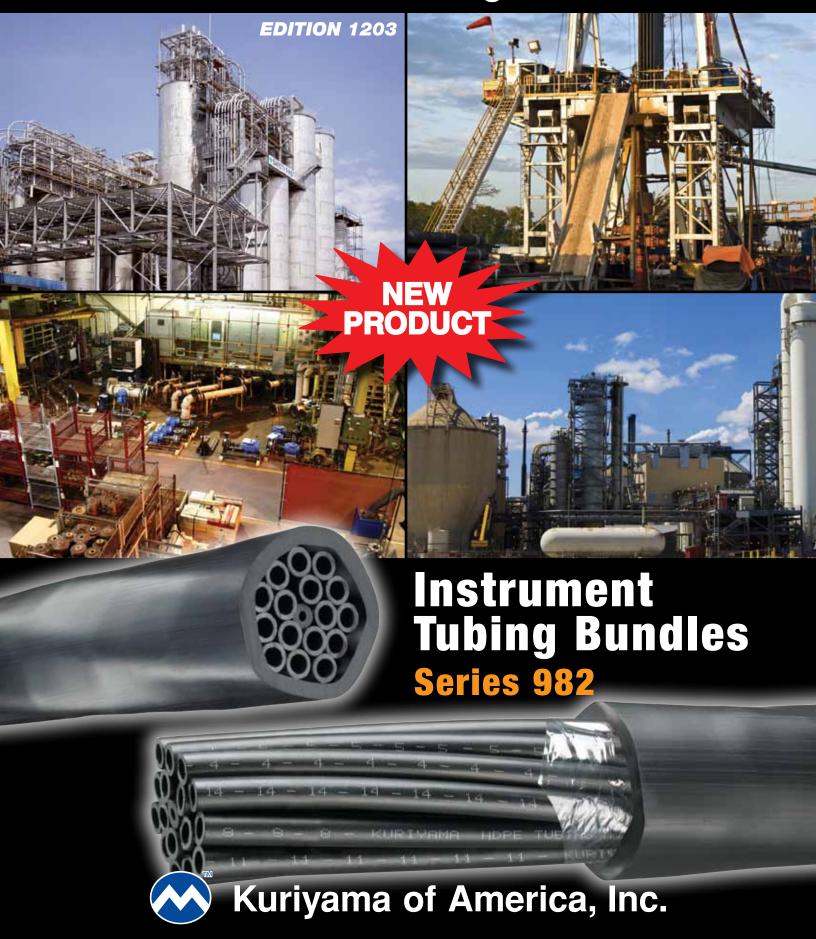


Kuriyama Oil & Gas Products On Shore Drilling & Production







Instrument Tubing Bundles - Series 982

Construction:

- High density black polyethylene tubes (Series 2423).
- Special cabled process.
- Film barrier.
- Thick PVC outer jacket.

Features & Advantages:

- Inner tubes are number-coded to make for easier application installations.
- HDPE tubes provide higher temperature and pressure capabilities than comparable low density polyethylene tubes.
- Special black HDPE material offers UV and weather resistance tubes.
- Inner tubes have enhanced crush resistance and mechanical properties that enable them to be used in place of more expensive metal tubing.
- Cabled construction provides tighter bend radius values without putting undue strain on the tubes.
- Film barrier over cabled tubes allows for easy removal of the outer jacket and separation of the tubes.
- Extra thick PVC outer jacket provides protection from high weathering, adds durability, and is resistant to inorganic and organic chemicals.
- Saves installation costs versus using more expensive armor or conduit type products.

Applications:

- In-plant pneumatic instrument equipment requiring protection from abrasive environments and weld splatter in plant areas.
- Oil field BOP pneumatic equipment environments.

Technical Specifications:

HDPE Tubing - Series 2423 Black Weather Resistant Tubing.

HDPE Tubing Size:

2423-0440 1/4" OD x 0.040" wall 250 psi working pressure at 70° F (20° C)

HDPE Tubing Size:

2423-0662 3/8" OD x 0.062" wall 250 psi working pressure at 70° F (20° C)

HDPE Tube Material Standards:

HDPE Material: ASTM D-1248 classification Type III Class C Grade W9 Category 5 ASTM D-1693 ESCR > 5000 hours

Black PVC Jacket Material Information:

- Black PVC Jacket 3/16" thick jacket combines flexibility with good abrasion resistance.
- Made using 88 Shore "A" PVC light weight and abrasion resistant compound.

Bundle Configurations:

For a choice of available HDPE tubes in $\frac{1}{4}$ " or $\frac{3}{8}$ " OD sizes, as separate bundle configurations, or in combination, please see the table information on page 3.

Available Lengths:

The part numbers shown on page 3 indicate standard 1,000 ft. reel lengths of those configurations. Tubing bundles are made to order. Other lengths can be specified and pricing will be based on quantities required at time of order. For inquiries, please contact your nearest Kuriyama sales/warehouse location for more information.



1/4" OD X 0.040" Wall HDPE Tubes / 0.19" Thick PVC Jacket

Part No.	# of Tubes	Available Range	Approx. Bundle OD (in.)	Minimum. Bend Radius	Weig Lbs.	ht c/ft. Kgs.
9820200X1K	2	2	5/8" X 7/8"	2.5"	20.2	9.2
9820300X1K	3	3	1 3/16" X 7/8"	3.5"	24.4	11.1
9820400X1K	4	4	1"	4"	30.4	13.8
9820700X1K	7	5-7	1 1/8"	5.5"	37.8	17.2
98201000X1K	10	8-10	1 1/8" X 1 3/8"	6"	44.0	20.0
98201200X1K	12	11-12	1 3/8"	6.5"	52.1	23.7
98201400X1K	14	13-14	1 1/2"	7"	58.5	26.6
98201900X1K	19	15-19	1 5/8"	9"	67.3	30.6
98202400X1K	24	20-24	2"	9.5"	85.1	38.7
98203700X1K	37	31-37	2 3/8"	10"	111.8	50.8

3/8" OD X 0.062" Wall HDPE Tubes / 0.19" Thick PVC Jacket

Nominal Spec	ifications					
Part No.	# of Tubes	Available Range	Approx. Bundle OD (in.)	Minimum. Bend Radius	Weig Lbs.	ght c/ft. Kgs.
9820002X1K	2	2	3/4" X 1 1/8"	3.5"	29.3	13.3
9820003X1K	3	3	1" X 1 1/8"	4.5"	37.3	17.2
9820004X1K	4	4	1 1/4"	5.0"	44.4	20.2
9820007X1K	7	5-7	1 1/2"	6.5"	60.3	27.4
98200010X1K	10	8-10	1 1/2" X 1 7/8"	8"	74.1	33.7
98200012X1K	12	11-12	1 7/8"	9"	85.4	38.8
98200014X1K	14	13-14	1 7/8" X 2 1/8"	10"	94.6	43.0
98200019X1K	19	15-19	2 1/4"	14"	115.7	52.6
98200024X1K	24	20-24	3"	16"	152.9	69.5
98200037X1K	37	31-37	3 1/8"	18"	191.2	86.9

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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.

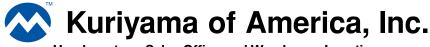
Purchasers or users of the Products should frequently and consistently undertake inspections and protective measures with respect to the use and application of Products, which should include the examination of tube and cover, conditions of the hose or tubing, and the identification, repair or replacement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

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