



ASSOCIATED TUBE CANADA

a division of Samuel, Son & Co., Limited

7455 WOODBINE AVENUE, MARKHAM, ONTARIO, CANADA L3R 1A7

Phone (905) 475-6464 In U.S. Toll Free 1-800-387-4217

Fax (905) 475-5202

Page 1
Date 5/03/22
Customer 15353
Order Nbr 96998 SO
Invoice # 214547
P.O. # 8007295
Line Nbr -
Item Nbr 23314

ATC

Sold To:

GRAND PRAIRIE FLUID SYSTEMS TECH. INC
11025-89 AVENUE
#100
GRANDE PRAIRIE AB T8V 5B9

Ship To:

GRAND PRAIRIE FLUID SYSTEMS TECH. INC
11025-89 AVENUE
#100
GRANDE PRAIRIE AB T8V 5B9



WELDED, ANNEALED, O.D. CONDITIONED STAINLESS STEEL
TUBING, COILED TO SPECIFICATIONS ASTM A249 18a,
A269 15a(2019), ASME SA-249(2021) AND BRS-75
LEVEL WIND ON WOODEN SPOOL.

Description	Item Number	Customer Item Number
0.500"ODX0.049"A 316/316L	FC316D0500049A1SC500DUAL	SS-T8-W-049-500

CHEMICAL ANALYSIS (% By Weight)

Heat #	C	Mn	P	S	Si	Cr	Mo	Ni	Ti	Cu	N	Co	Al	Other Elements
535372	.0220	1.4000	.0330	.0010	.4400	16.6800	2.0200	10.0000	.0090	.4400	.0430	.3900	.0210	
535730	.0240	1.6300	.0350	.0013	.3700	16.6500	2.0100	10.0300	.0070	.4800	.0370	.2800	.0190	

MECHANICAL TEST RESULTS

Heat #	Description	W.O. #	.2% Y.S. ksi	UTS ksi	%EL	Rev. Flatten	Rev. Bend	Rev. Flare/ Flat.	Hardness	Eddy Current	Pneumatic/ Hydrostatic	Gr A/E
535372	0.500"ODX0.049"A 316/316L	146394-01	43.6	87.8	59	PASSED	PASSED	PASSED	80 HRBW	PASSED	PASSED	
535730	0.500"ODX0.049"A 316/316L	147505-01	45.6	87.0	56	PASSED	PASSED	PASSED	78 HRBW	PASSED	PASSED	

SHIPMENT DETAIL

Heat #	Total	UM	Country of Melt	Country of Manufacturing
535730	14000.00	FT	United States	

Tags:

1759967 Canada
1759966 Canada
1759965 Canada
1759964 Canada
1759963 Canada
1759962 Canada
1759959 Canada
1759957 Canada
1759956 Canada
1759955 Canada
1759954 Canada
1759953 Canada
1759952 Canada



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SHIPMENT DETAIL

1759951	Canada
1759950	Canada
1759847	Canada
1759846	Canada
1759845	Canada
1759844	Canada
1759843	Canada
1759842	Canada
1759841	Canada
1759840	Canada
1759839	Canada
1759838	Canada
1759837	Canada
1759836	Canada
1759835	Canada

535372 500.00 FT United States

Tags: 1751627

Canada

We certify that we have manufactured and tested the materials referenced, in accordance with the noted specifications the results shown were obtained upon testing samples from this order as dictated by contract requirements.
This certification complies with the requirements of EN 10204-3.1

per

P. Williams

Director of Manufacturing Technology