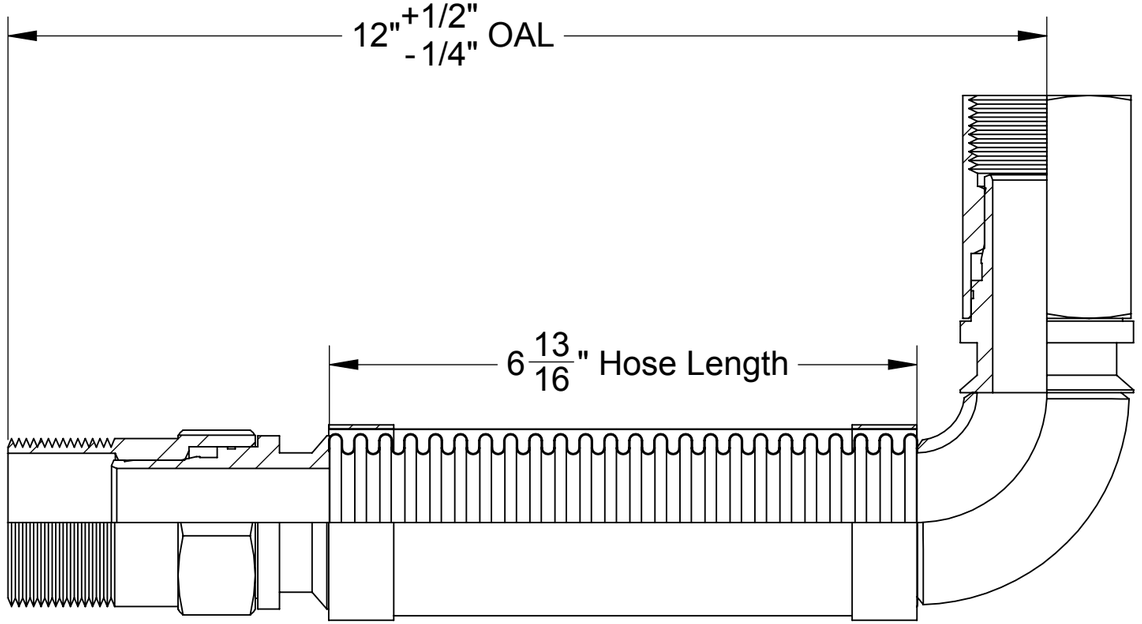
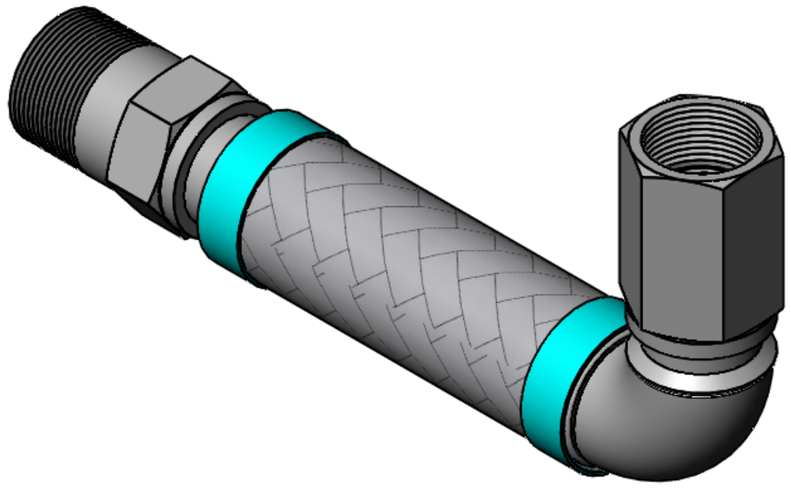




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ITEM #	QTY.	PART NUMBER	DESCRIPTION	MATERIAL	WEIGHT
1	1	HOSE	300 Series Stainless HYDROFORMED Corrugated Hose	Stainless Steel	0.29
2	1	BRAID	300 Series Stainless Steel	Stainless Steel	0.03
3	2	BRAID COLLAR	0.05" Thick	Stainless Steel	0.07
4	1	1.5" MALE SWIVEL	1.5" Male Swivel, 1-1/2"x11-1/2" Thread, 1.94" Hex	Carbon Steel	1.40
5	1	1.5" ELBOW	1.5" Short Radius Elbow, Sch. 40	Carbon Steel	0.52
6	1	1.5 in Female Swivel Assem	1.5" Female Swivel, 1-1/2"x11-1/2" Thread, 1.94" Hex	Carbon Steel	1.44

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED

HOSE MASTER Inc.
1233 East 222nd Street • Cleveland, Ohio 44117
(800) 221-2319 • Fax: (216) 481-7557 • www.hosemaster.com
Locations: Cleveland • Houston
Registered to: ISO 9001 : 2000
NAHAD Metal Hose Listed Manufacturer

Projection:

Customer: Hose Master Inc.

Prepared By: **kannk**

Reference: Fire-Shield - 1.5" Male Swivel x 1.5" 90 Degree Female Swivel x 12 " OAL

CALC. WEIGHT: **4** lbs.

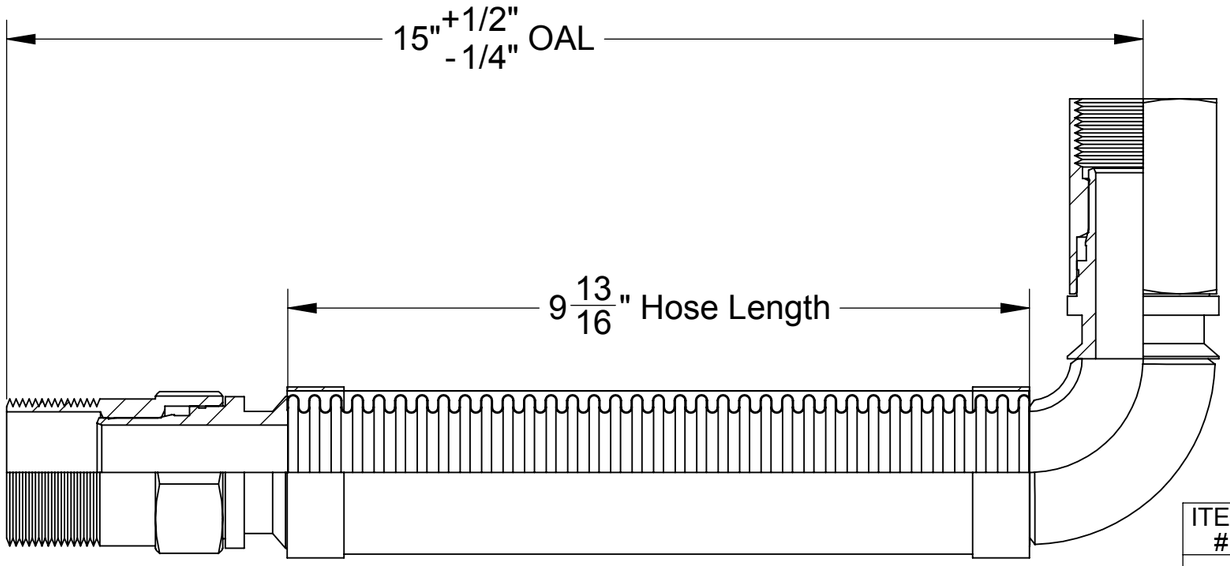
Date: **9/24/2009**

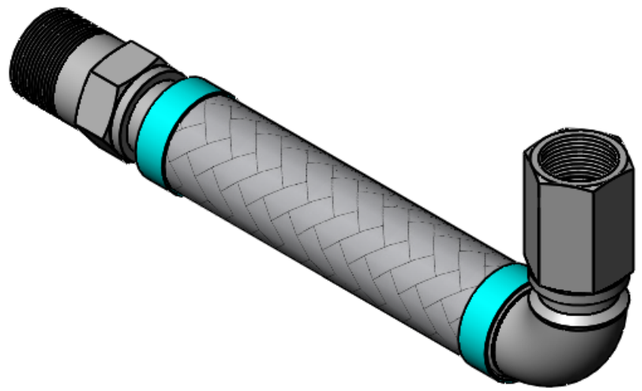
Description: **1.5" ID x 12" OAL 300 Series Stainless HYDROFORMED Corrugated Hose covered by 300 Series Stainless Braid. UL Approved 1.5" Male Swivel Connector x 1.5" ID 90 Degree Female Swivel Connector**

Drawing #: **FSSWE0150x12**

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SHEET 1 OF 1







ITEM #	QTY.	PART NUMBER	DESCRIPTION	MATERIAL	WEIGHT
1	1	HOSE	300 Series Stainless HYDROFORMED Corrugated Hose	Stainless Steel	0.42
2	1	BRAID	300 Series Stainless Steel	Stainless Steel	0.04
3	2	BRAID COLLAR	0.05" Thick	Stainless Steel	0.07
4	1	1.5" MALE SWIVEL	1.5" Male Swivel, 1-1/2"x11-1/2" Thread, 1.94" Hex	Carbon Steel	1.40
5	1	1.5" ELBOW	1.5" Short Radius Elbow, Sch. 40	Carbon Steel	0.52
6	1	1.5 in Female Swivel Assem	1.5" Female Swivel, 1-1/2"x11-1/2" Thread, 1.94" Hex	Carbon Steel	1.44

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Locations: Cleveland • Houston
Registered to: ISO 9001 : 2000
NAHAD Metal Hose Listed Manufacturer

Projection:

Customer: Hose Master Inc.

Prepared By: **kannk**

Reference: Fire-Shield - 1.5" Male Swivel x 1.5" 90 Degree Female Swivel x 15 " OAL

CALC. WEIGHT: **4** lbs.

Date: **9/24/2009**

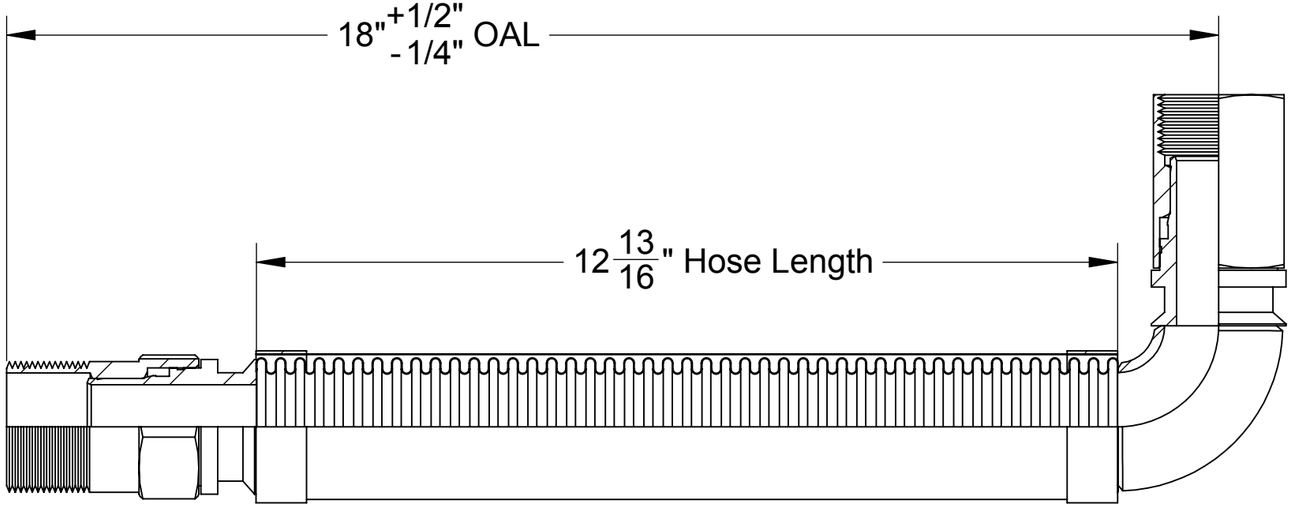
Description: **1.5" ID x 15" OAL 300 Series Stainless HYDROFORMED Corrugated Hose covered by 300 Series Stainless Braid. UL Approved 1.5" Male Swivel Connector x 1.5" ID 90 Degree Female Swivel Connector**

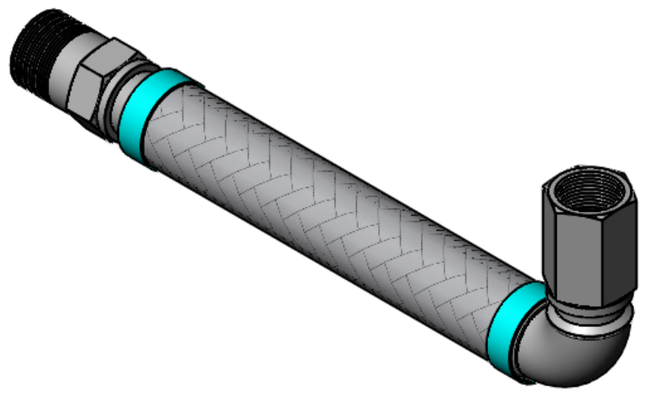
Drawing #: **FSSWE0150x15**

Rev.: **-**

SHEET 1 OF 1

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED





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ITEM #	QTY.	PART NUMBER	DESCRIPTION	MATERIAL	WEIGHT
1	1	HOSE	300 Series Stainless HYDROFORMED Corrugated Hose	Stainless Steel	0.55
2	1	BRAID	300 Series Stainless Steel	Stainless Steel	0.05
3	2	BRAID COLLAR	0.05" Thick	Stainless Steel	0.07
4	1	1.5" MALE SWIVEL	1.5" Male Swivel, 1-1/2"x11-1/2" Thread, 1.94" Hex	Carbon Steel	1.40
5	1	1.5" ELBOW	1.5" Short Radius Elbow, Sch. 40	Carbon Steel	0.52
6	1	1.5 in Female Swivel Assem	1.5" Female Swivel, 1-1/2"x11-1/2" Thread, 1.94" Hex	Carbon Steel	1.44

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED

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Locations: **Cleveland • Houston**
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NAHAD Listed Manufacturer

Projection:

Customer: Hose Master Inc.

Prepared By: **kannk**

Reference: Fire-Shield - 1.5" Male Swivel x 1.5" 90 Degree Female Swivel x 18 " OAL

CALC. WEIGHT: **4 lbs.**

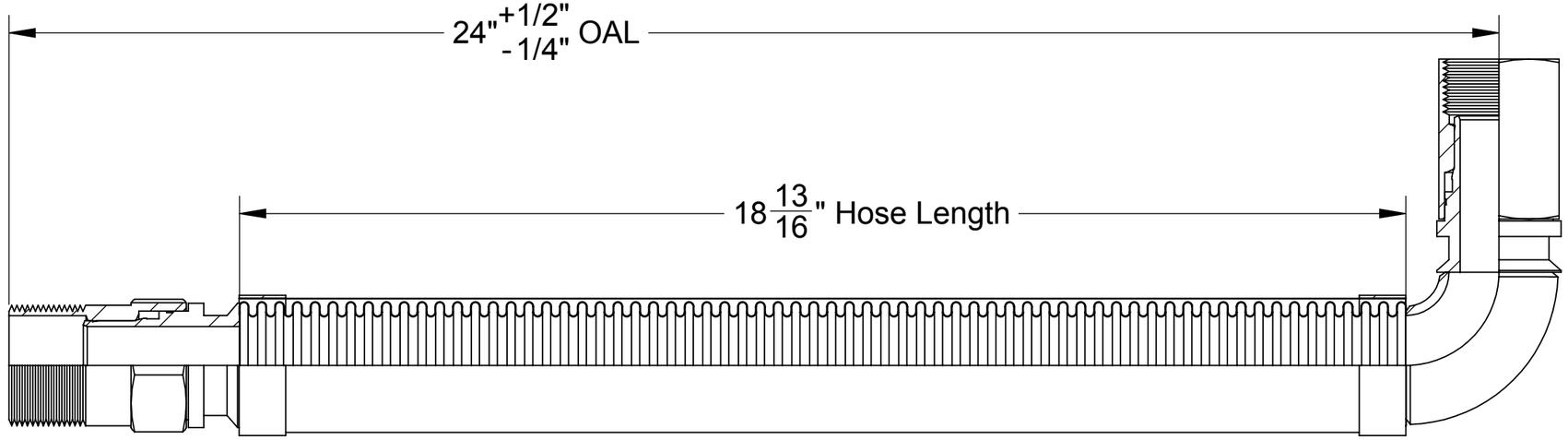
Date: **9/24/2009**

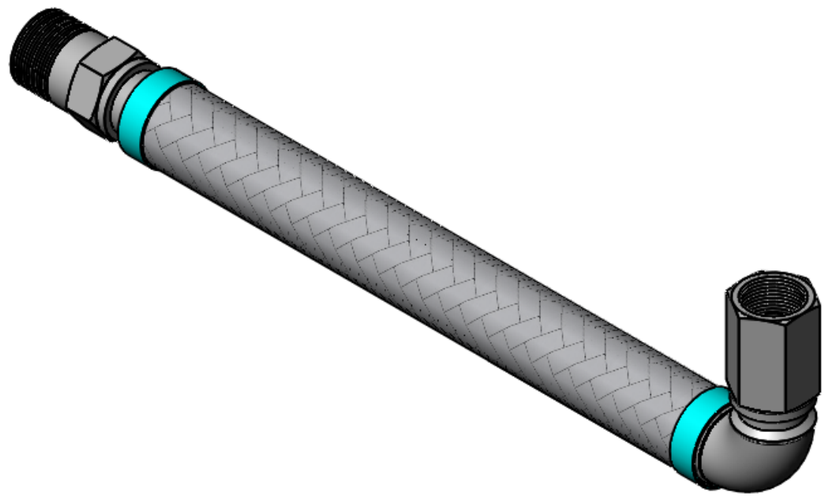
Description: **1.5" ID x 18" OAL 300 Series Stainless HYDROFORMED Corrugated Hose covered by 300 Series Stainless Braid. UL Approved 1.5" Male Swivel Connector x 1.5" ID 90 Degree Female Swivel Connector**

Drawing #: **FSSWE0150x18**

Rev.: **-**

SHEET 1 OF 1





ITEM #	QTY.	PART NUMBER	DESCRIPTION	MATERIAL	WEIGHT
1	1	HOSE	300 Series Stainless HYDROFORMED Corrugated Hose	Stainless Steel	0.80
2	1	BRAID	300 Series Stainless Steel	Stainless Steel	0.07
3	2	BRAID COLLAR	0.05" Thick	Stainless Steel	0.07
4	1	1.5" MALE SWIVEL	1.5" Male Swivel, 1-1/2"x11-1/2" Thread, 1.94" Hex	Carbon Steel	1.40
5	1	1.5" ELBOW	1.5" Short Radius Elbow, Sch. 40	Carbon Steel	0.52
6	1	1.5 in Female Swivel Assem	1.5" Female Swivel, 1-1/2"x11-1/2" Thread, 1.94" Hex	Carbon Steel	1.44

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NAHAD Metal Hose Listed Manufacturer

Projection:

Customer: Hose Master Inc.

Prepared By: **kannk**

Reference: Fire-Shield - 1.5" Male Swivel x 1.5" 90 Degree Female Swivel x 24 " OAL

CALC. WEIGHT: **4 lbs.**

Date: **9/24/2009**

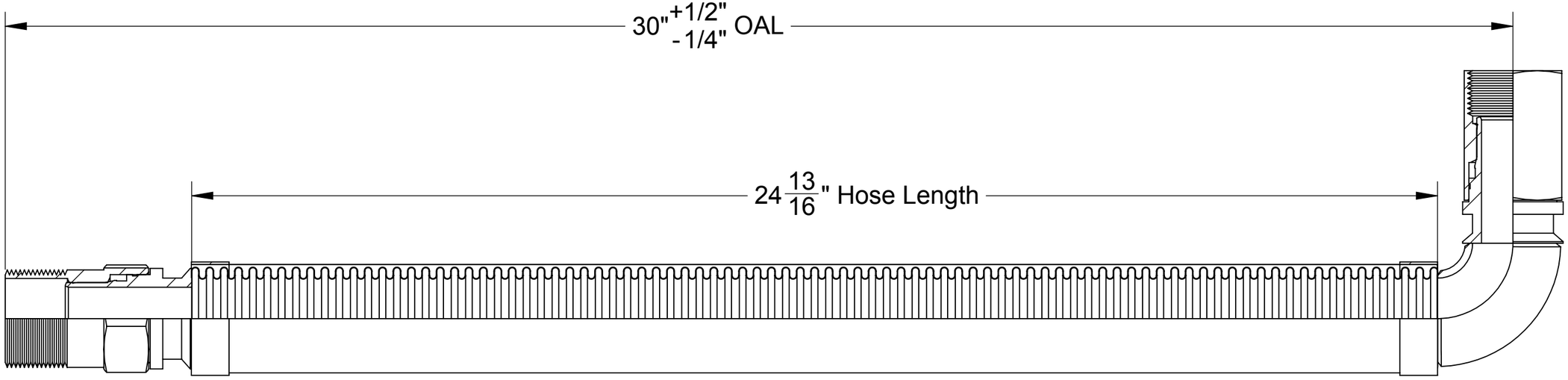
Description: **1.5" ID x 24" OAL 300 Series Stainless HYDROFORMED Corrugated Hose covered by 300 Series Stainless Braid. UL Approved 1.5" Male Swivel Connector x 1.5" ID 90 Degree Female Swivel Connector**

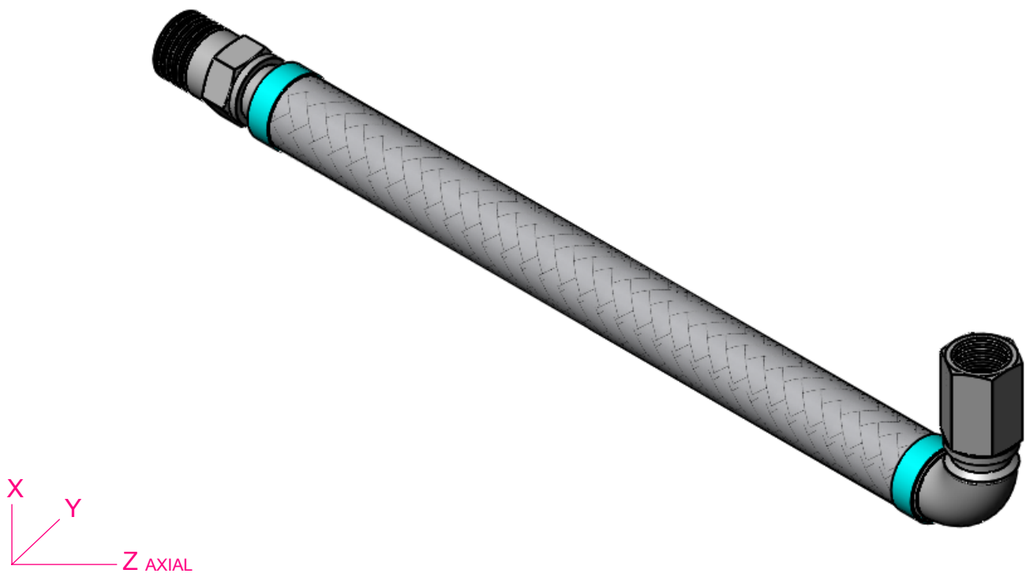
Drawing #: **FSSWE0150x24**

Rev.: **-**

SHEET 1 OF 1

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED





ITEM #	QTY.	PART NUMBER	DESCRIPTION	MATERIAL	WEIGHT
1	1	HOSE	300 Series Stainless HYDROFORMED Corrugated Hose	Stainless Steel	1.06
2	1	BRAID	300 Series Stainless Steel	Stainless Steel	0.10
3	2	BRAID COLLAR	0.05" Thick	Stainless Steel	0.07
4	1	1.5" MALE SWIVEL	1.5" Male Swivel, 1-1/2"x11-1/2" Thread, 1.94" Hex	Carbon Steel	1.40
5	1	1.5" ELBOW	1.5" Short Radius Elbow, Sch. 40	Carbon Steel	0.52
6	1	1.5 in Female Swivel Assem	1.5" Female Swivel, 1-1/2"x11-1/2" Thread, 1.94" Hex	Carbon Steel	1.44

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED

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Registered to: ISO 9001 : 2000

NAHAD Metal Hose Listed Manufacturer

Projection:

Customer: Hose Master Inc.

Prepared By: **kannk**

Reference: Fire-Shield - 1.5" Male Swivel x 1.5" 90 Degree Female Swivel x 30 " OAL

CALC. WEIGHT: **5 lbs.**

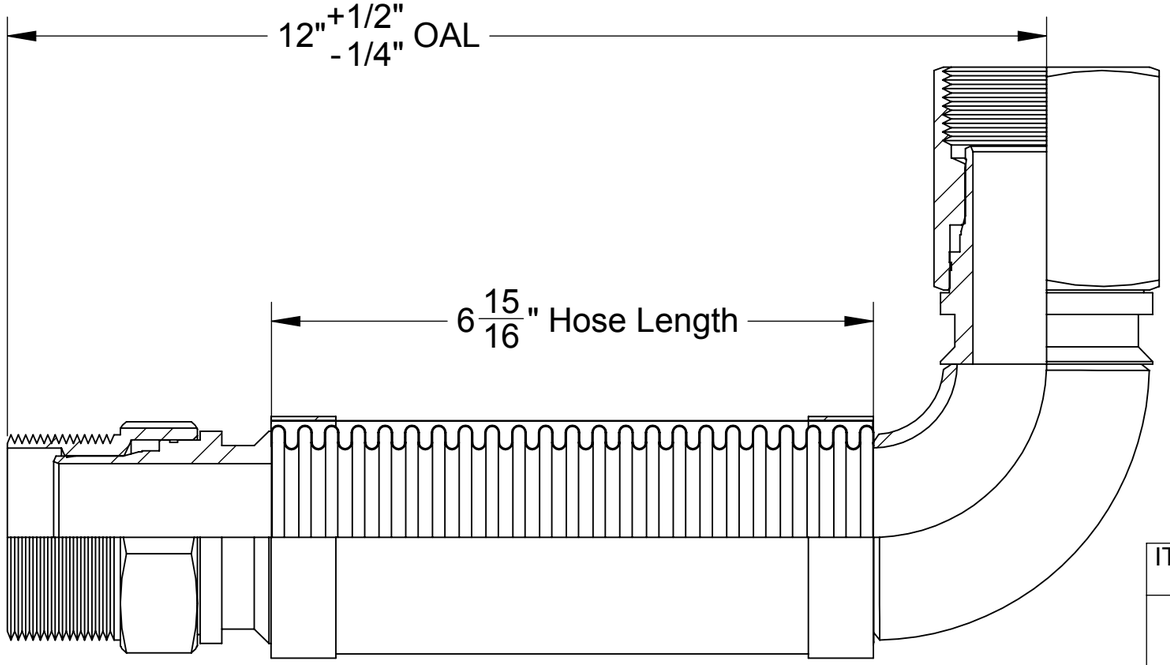
Date: **9/24/2009**

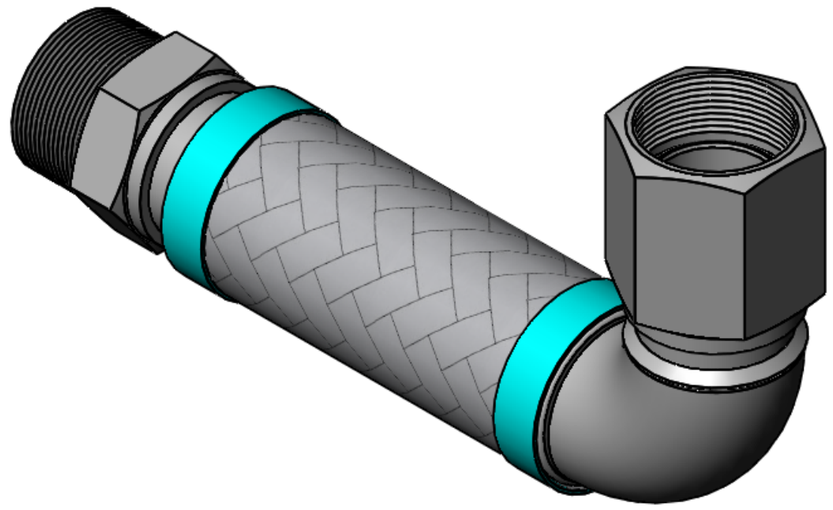
Description: **1.5" ID x 30" OAL 300 Series Stainless HYDROFORMED Corrugated Hose covered by 300 Series Stainless Braid. UL Approved 1.5" Male Swivel Connector x 1.5" ID 90 Degree Female Swivel Connector**

Drawing #: **FSSWE0150x30**

Rev.: **-**

SHEET 1 OF 1





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ITEM #	QTY.	PART NUMBER	DESCRIPTION	MATERIAL	WEIGHT
1	1	HOSE	300 Series Stainless HYDROFORMED Corrugated Hose	Stainless Steel	0.41
2	1	BRAID	300 Series Stainless Steel	Stainless Steel	0.03
3	2	BRAID COLLAR	0.05" Thick	Stainless Steel	0.09
4	1	2" MALE SWIVEL	2" Male Swivel, 2"x11-1/2" Thread, 2.38" Hex	Carbon Steel	0.93
5	1	2" ELBOW	2" Short Radius Elbow, Sch. 40	Carbon Steel	0.52
6	1	2" FEMALE SWIVEL	2" Female Swivel, 2"x11-1/2" Thread, 2.38" Hex	Carbon Steel	2.41

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED

HOSE MASTER Inc.

1233 East 222nd Street • Cleveland, Ohio 44117
(800) 221-2319 • Fax: (216) 481-7557 • www.hosemaster.com
Locations: ***Cleveland • Houston***

Registered to: ISO 9001 : 2000

NAHAD Listed Manufacturer

Projection:

Customer: Hose Master Inc.

Prepared By: **kannk**

Reference: Fire-Shield - 2" Male Swivel x 2" 90 Degree Female Swivel x 12 " OAL

CALC. WEIGHT: **5** lbs.

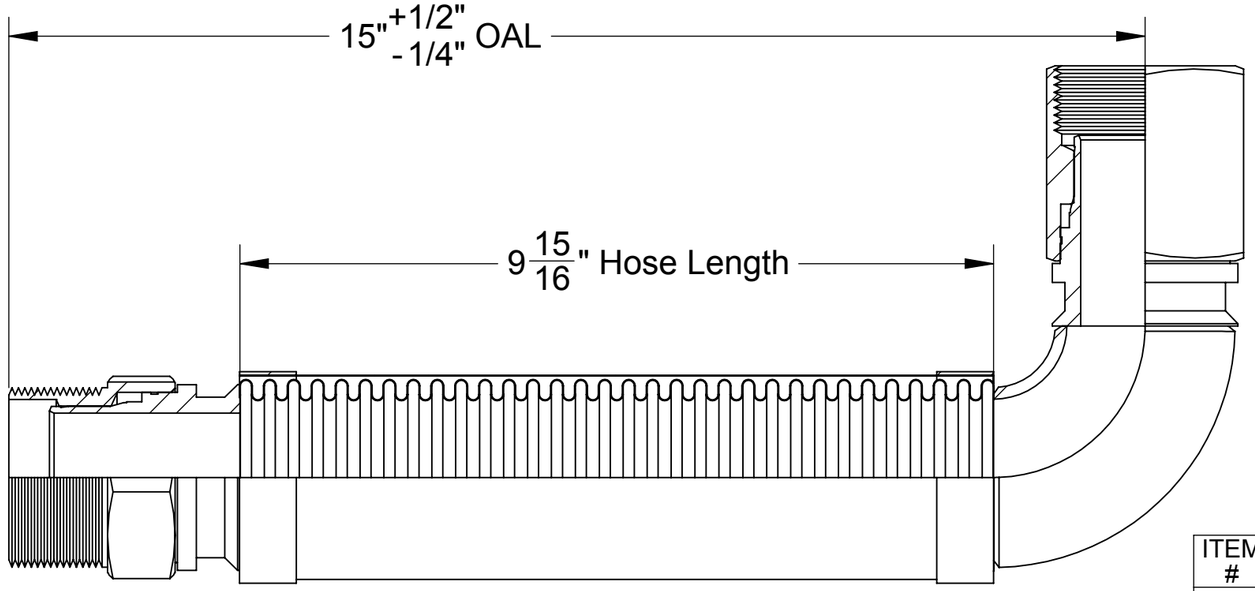
Date: **9/24/2009**

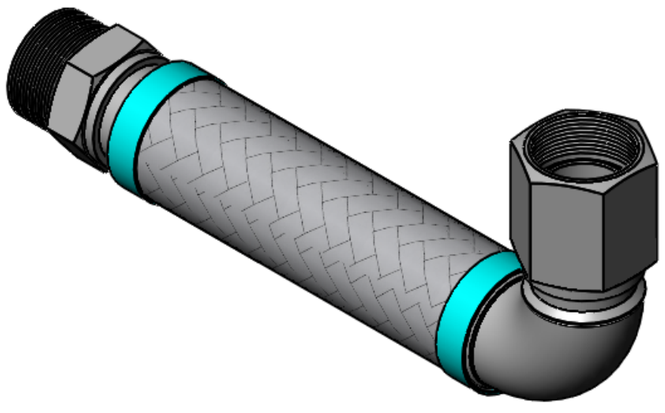
Description: **2" ID x 12" OAL 300 Series Stainless HYDROFORMED Corrugated Hose covered by 300 Series Stainless Braid. UL Approved 2" Male Swivel Connector x 2" ID 90 Degree Female Swivel Connector**

Drawing #: **FSSWE0200x12**

Rev.: **-**

SHEET 1 OF 1





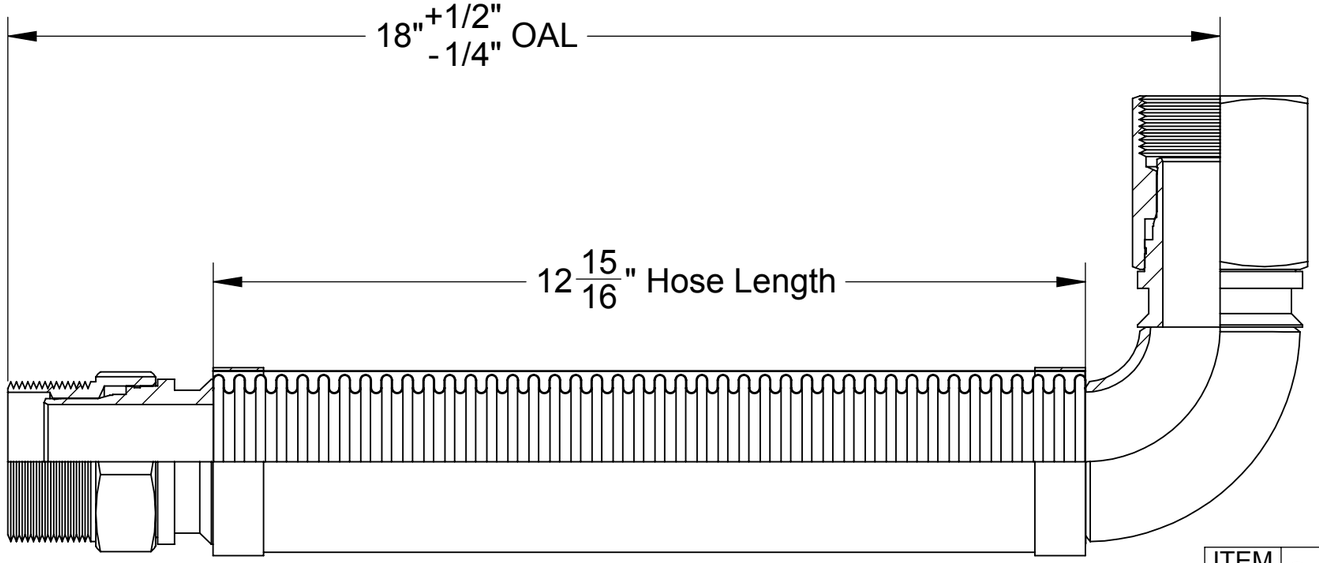


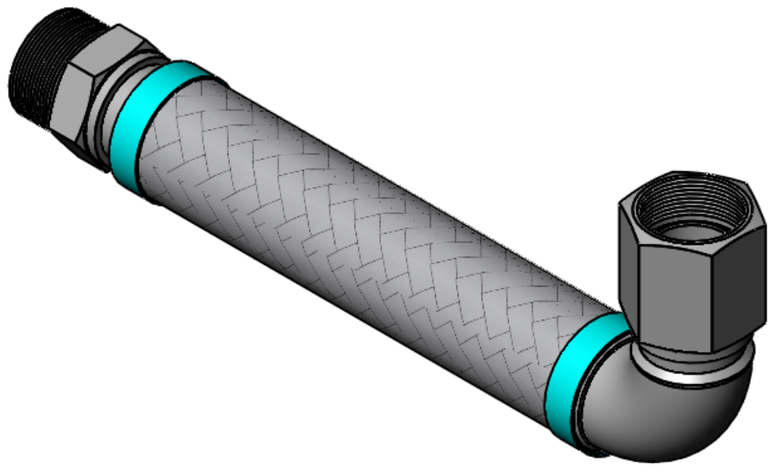
ITEM #	QTY.	PART NUMBER	DESCRIPTION	MATERIAL	WEIGHT
1	1	HOSE	300 Series Stainless HYDROFORMED Corrugated Hose	Stainless Steel	0.57
2	1	BRAID	300 Series Stainless Steel	Stainless Steel	0.05
3	2	BRAID COLLAR	0.05" Thick	Stainless Steel	0.09
4	1	2" MALE SWIVEL	2" Male Swivel, 2"x11-1/2" Thread, 2.38" Hex	Carbon Steel	0.93
5	1	2" ELBOW	2" Short Radius Elbow, Sch. 40	Carbon Steel	0.52
6	1	2" FEMALE SWIVEL	2" Female Swivel, 2"x11-1/2" Thread, 2.38" Hex	Carbon Steel	2.41

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED

HOSE MASTER Inc.
1233 East 222nd Street • Cleveland, Ohio 44117
(800) 221-2319 • Fax: (216) 481-7557 • www.hosemaster.com
Locations: Cleveland • Houston
Registered to: ISO 9001 : 2000
NAHAD Metal Hose Listed Manufacturer

Projection:	Customer: Hose Master Inc.	Prepared By: **kannk**	
	Reference: Fire-Shield - 2" Male Swivel x 2" 90 Degree Female Swivel x 15 " OAL	CALC. WEIGHT: **5 lbs.**	Date: **9/24/2009**
	Description: **2" ID x 15" OAL 300 Series Stainless HYDROFORMED Corrugated Hose covered by 300 Series Stainless Braid. UL Approved 2" Male Swivel Connector x 2" ID 90 Degree Female Swivel Connector**		
	Draw ing #: **FSSWE0200x15**	Rev.: **-**	SHEET 1 OF 1





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ITEM #	QTY.	PART NUMBER	DESCRIPTION	MATERIAL	WEIGHT
1	1	HOSE	300 Series Stainless HYDROFORMED Corrugated Hose	Stainless Steel	0.74
2	1	BRAID	300 Series Stainless Steel	Stainless Steel	0.06
3	2	BRAID COLLAR	0.05" Thick	Stainless Steel	0.09
4	1	2" MALE SWIVEL	2" Male Swivel, 2"x11-1/2" Thread, 2.38" Hex	Carbon Steel	0.93
5	1	2" ELBOW	2" Short Radius Elbow, Sch. 40	Carbon Steel	0.52
6	1	2" FEMALE SWIVEL	2" Female Swivel, 2"x11-1/2" Thread, 2.38" Hex	Carbon Steel	2.41

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED

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Locations: **Cleveland • Houston**
Registered to: ISO 9001 : 2000
NAHAD Metal Hose Listed Manufacturer

Projection:

Customer: Hose Master Inc.

Prepared By: **kannk**

Reference: Fire-Shield - 2" Male Swivel x 2" 90 Degree Female Swivel x 18 " OAL

CALC. WEIGHT: **5 lbs.**

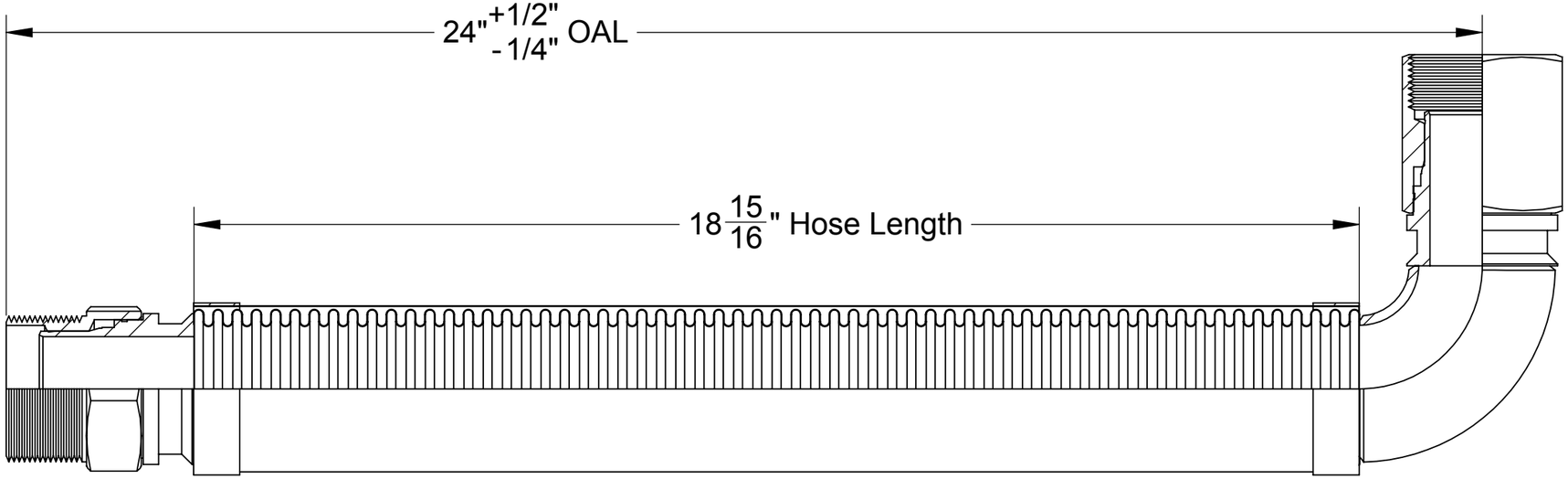
Date: **9/24/2009**

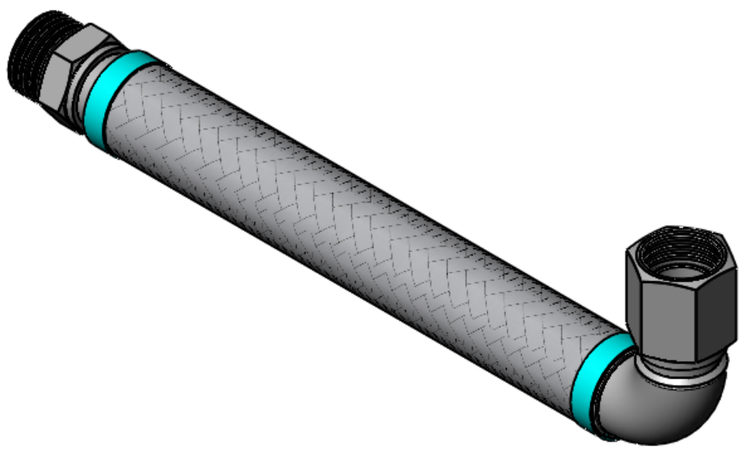
Description: **2" ID x 18" OAL 300 Series Stainless HYDROFORMED Corrugated Hose covered by 300 Series Stainless Braid. UL Approved 2" Male Swivel Connector x 2" ID 90 Degree Female Swivel Connector**

Drawing #: **FSSWE0200x18**

Rev.: **-**

SHEET 1 OF 1







ITEM #	QTY.	PART NUMBER	DESCRIPTION	MATERIAL	WEIGHT
1	1	HOSE	300 Series Stainless HYDROFORMED Corrugated Hose	Stainless Steel	1.08
2	1	BRAID	300 Series Stainless Steel	Stainless Steel	0.09
3	2	BRAID COLLAR	0.05" Thick	Stainless Steel	0.09
4	1	2" MALE SWIVEL	2" Male Swivel, 2"x11-1/2" Thread, 2.38" Hex	Carbon Steel	0.93
5	1	2" ELBOW	2" Short Radius Elbow, Sch. 40	Carbon Steel	0.52
6	1	2" FEMALE SWIVEL	2" Female Swivel, 2"x11-1/2" Thread, 2.38" Hex	Carbon Steel	2.41

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NAHAD Metal Hose Listed Manufacturer

Projection:

Customer: Hose Master Inc.

Prepared By: **kannk**

Reference: Fire-Shield - 2" Male Swivel x 2" 90 Degree Female Swivel x 24 " OAL

CALC. WEIGHT: **6 lbs.**

Date: **9/24/2009**

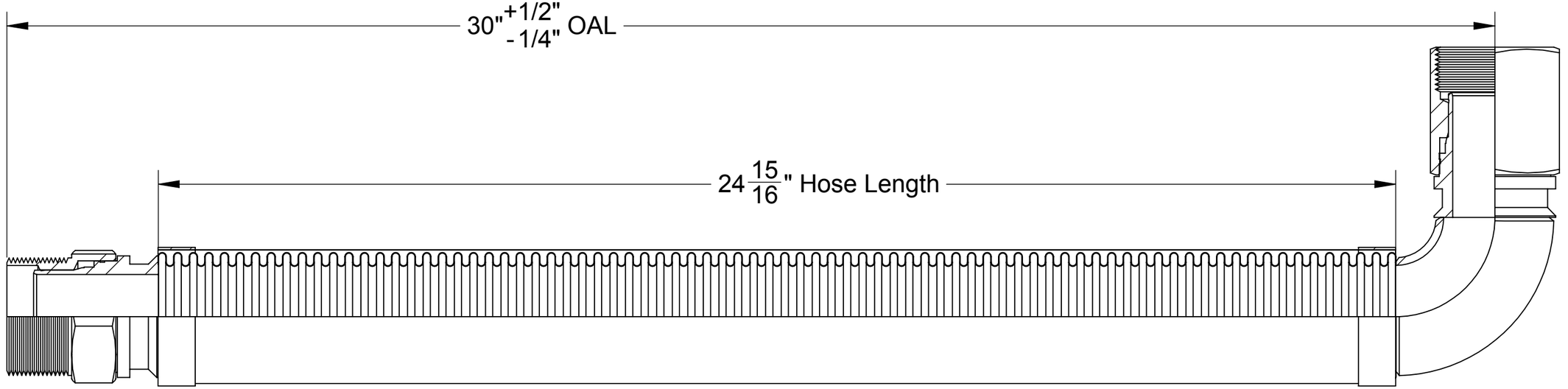
Description: **2" ID x 24" OAL 300 Series Stainless HYDROFORMED Corrugated Hose covered by 300 Series Stainless Braid. UL Approved 2" Male Swivel Connector x 2" ID 90 Degree Female Swivel Connector**

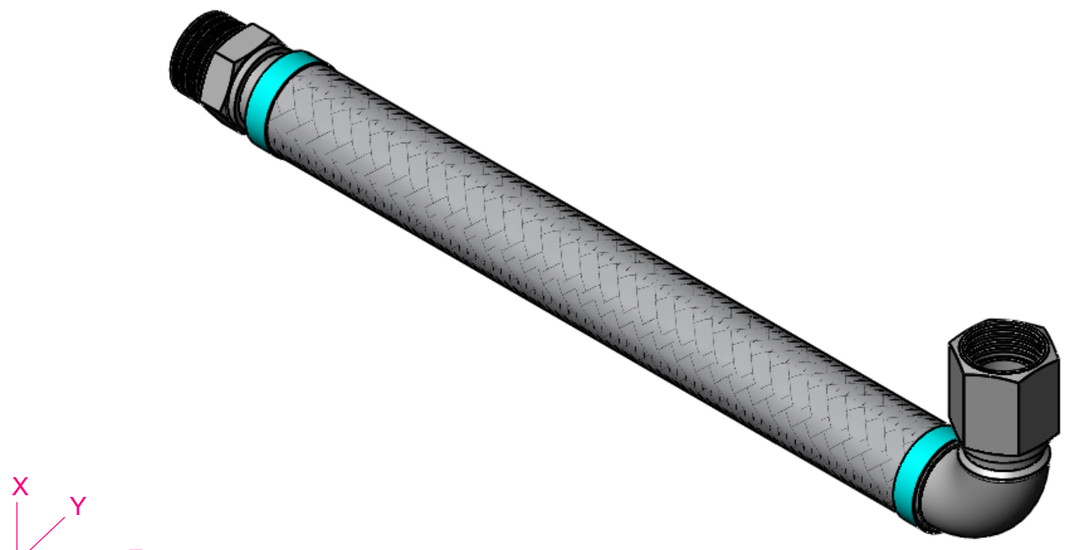
Drawing #: **FSSWE0200x24**

Rev.: **-**

SHEET 1 OF 1

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED





ITEM #	QTY.	PART NUMBER	DESCRIPTION	MATERIAL	WEIGHT
1	1	HOSE	300 Series Stainless HYDROFORMED Corrugated Hose	Stainless Steel	1.42
2	1	BRAID	300 Series Stainless Steel	Stainless Steel	0.12
3	2	BRAID COLLAR	0.05" Thick	Stainless Steel	0.09
4	1	2" MALE SWIVEL	2" Male Swivel, 2"x11-1/2" Thread, 2.38" Hex	Carbon Steel	0.93
5	1	2" ELBOW	2" Short Radius Elbow, Sch. 40	Carbon Steel	0.52
6	1	2" FEMALE SWIVEL	2" Female Swivel, 2"x11-1/2" Thread, 2.38" Hex	Carbon Steel	2.41

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED

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NAHAD Metal Hose Listed Manufacturer

Projection:

Customer: Hose Master Inc.

Prepared By: **kannk**

Reference: Fire-Shield - 2" Male Swivel x 2" 90 Degree Female Swivel x 30 " OAL

CALC. WEIGHT: **6 lbs.**

Date: **9/24/2009**

Description: **2" ID x 30" OAL 300 Series Stainless HYDROFORMED Corrugated Hose covered by 300 Series Stainless Braid. UL Approved 2" Male Swivel Connector x 2" ID 90 Degree Female Swivel Connector**

Drawing #: **FSSWE0200x30**

Rev.: **-**

SHEET 1 OF 1