



*Rental & Construction Industry
Hose & Fittings Catalogue*



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Air Hose Assemblies

Part #	Size	Description
XAI19-12GWF	3/4" x 50ft	Mineflex 300s Jackhammer w/ Universals Crimped E/E
XAI19-12GDix-LS-WF	3/4" x 50ft	Mineflex 300s Jackhammer w/ Dix-Locks Crimped E/E
XAI19-12GDix-LS	3/4" x 50ft	Mineflex 300s Jackhammer w/ Dix-Locks Clamped E/E
XAI19-12GDual-LS-WF	3/4" x 50ft	Mineflex 300s Jackhammer w/ Dual-Lock Crimped E/E
XAI19-12GDual-LS	3/4" x 50ft	Mineflex 300s Jackhammer w/ Dual-Lock Clamped E/E



7084JHT75-600	3/4" & 3/8" x 50ft	Parker Twinhammer RCS Hose w/ Universals Crimped E/E
7084JHT75-KIT	Retro Fit Kit	TO Adapted Twinhammer Hose To Most Jackhammers

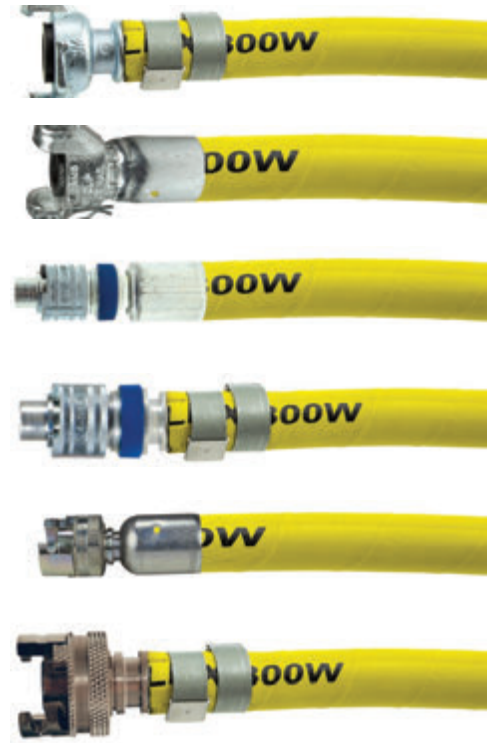
X60845-C	1/2" x 6ft	HD Air Whip Hose w/ 1/2" mnpt Swivel 45° Bend x 1/2" mnpt
X60845-F	1/2" x 6ft	HD Air Whip Hose w/ 7/8"-24 Swivel 45° Bend x 1/2" mnpt
X60808-MP	1/2" x 6ft	HD Air Whip Hose w/ 1/2" mnpt Rigid x mnpt Rigid E/E



X60845-C-PL300FL	1/2" x 6ft	HD Air Whip Hose w/ 1/2 Lubricator/ Filter & Universal End
X60845-F-PL300FL	1/2" x 6ft	HD Air Whip Hose w/ 1/2 Lubricator/ Filter & Universal End
X61008-MP-PL300FL	1/2" x 6ft	HD Air Whip Hose w/ 1/2 Lubricator/ Filter & Universal End



Part #	Size	Description
XAI-17-12GUP	3/4" x 50ft	Mineflex 300w Wrapped w/ Universals Clamped E/E
XAI-17-12GWF	3/4" x 50ft	Mineflex 300w Wrapped w/ Universals Crimped E/E
XAI-17-12GDix-LS-WF	3/4" x 50ft	Mineflex 300w Wrapped w/ Dix-Locks Crimped E/E
XAI-17-12GDix-LS	3/4" x 50ft	Mineflex 300w Wrapped w/ Dix-Locks Clamped E/E
XAI-17-12GDual-LS-WF	3/4" x 50ft	Mineflex 300w Wrapped w/ Dual-Locks Crimped E/E
XAI-17-12GDual-LS	3/4" x 50ft	Mineflex 300w Wrapped w/ Dual-Locks Clamped E/E



XAI-17-16GUP	1" x 50ft	Mineflex 300w Wrapped w/ Universals Clamped E/E
XAI-17-16GWF	1" x 50ft	Mineflex 300w Wrapped w/ Universals Crimped E/E



XAI-17-32GBB	2" x 50ft	Mineflex 300w Wrapped w/ Fem GJ Swivels Clamped E/E
XAI-17-32GBB-CC	2" x 50ft	Mineflex 300w Wrapped w/ Fem GJ Swivels Crimped E/E



Part #	Size	Description
XAI-23-12GUP	3/4" x 50ft	Mineflex 400w Wrapped w/ Universals Clamped E/E
XAI-23-12GWF	3/4" x 50ft	Mineflex 400w Wrapped w/ Universals Crimped E/E
XAI-23-12GDix-LS-WF	3/4" x 50ft	Mineflex 400w Wrapped w/ Dix-Locks Crimped E/E
XAI-23-12GDix-LS	3/4" x 50ft	Mineflex 400w Wrapped w/ Dix-Locks Clamped E/E
XAI-23-12GDual-LS-WF	3/4" x 50ft	Mineflex 400w Wrapped w/ Dual-Locks Crimped E/E
XAI-23-12GDual-LS	3/4" x 50ft	Mineflex 400w Wrapped w/ Dual-Locks Clamped E/E



XAI-23-16GUP	1" x 50ft	Mineflex 400w Wrapped w/ Universals Clamped E/E
XAI-23-16GWF	1" x 50ft	Mineflex 400w Wrapped w/ Universals Crimped E/E



XAI-23-32GBB	2" x 50ft	Mineflex 400w Wrapped w/ Fem GJ Swivels Clamped E/E
XAI-23-32GBB-CC	2" x 50ft	Mineflex 400w Wrapped w/ Fem GJ Swivels Crimped E/E





Multi-Purpose Air & Water hoses

Tundra Red Extreme Low Temp -65°F - 150°F w/ 1/4" MNPT Brass Crimped E/E

Part #	Size
XAI13-06C4R	3/8" x 25ft
XAI13-06G4R	3/8" x 50ft
XAI13-06J4R	3/8" x 100ft



Thermflex blue low Temp pvc Air Hose -40°F - 140°F w/ 1/4" MNPT Brass Crimped E/E

XAI14-06C4M	3/8" x 25ft
XAI14-06G4M	3/8" x 50ft
XAI14-06J4M	3/8" x 100ft



Supremeflex Red Rubber Air Hose -4°F - 160°F w/ 1/4" MNPT Brass Crimped E/E

XAI15062-C44	3/8" x 25ft
XAI15062-G44	3/8" x 50ft
XAI15062-J44	3/8" x 100ft



Flexzilla Hi-Viz Green Low Temp Air Hose -40°F - 140°F w/ 1/4" MNPT Alum Reusables E/E

HFZP3825YW2	3/8" x 25ft
HFZP3835YW2	3/8" x 35ft
HFZP3850YW2	3/8" x 50ft



**Premium Water Black Rubber Garden Hose
w/ M X F HD Brass GHT Fittings Crimped E/E**

XPW-08050BC	1/2" x 50ft
XPW-10050BC	5/8" x 50ft
XPW-12050BC	5/4" x 50ft



**Supremeflex Red Rubber Garden Hose w/
M X F HD Brass GHT Fittings Crimped E/E**

XAI15-08050BC	1/2" x 50ft
XAI15-12050BC	5/4" x 50ft



**Flexzilla Hi-Viz Green Low Temp Garden Hose w/
M X F (live) Swivel Grip GHT Fittings Crimped E/E**

HFZG525YWS	5/8" x 25ft
HFZG550YWS	5/8" x 50ft
HFZG5100YWS	5/8" x 100ft



**Flexzilla Pro Hi-Viz Green Low Temp Garden Hose
w/ M X F Reusable Alum GHT Fittings Attached E/E**

HFZWP550	5/8" x 50ft
HFZWP5100	5/8" x 100ft



Water Suction Hoses

Polytuff Clear/white Heilx PVC Suction Hose w/ Part C & K.C. Clamped E/E

Part #	Size	Max WP	Vacuum
XWA17-024BCK	1½" x 20ft	65 PSI	29.8
XWA17-032BCK	2" x 20ft	60 PSI	29.8
XWA17-048BCK	3" x 20ft	50 PSI	29.8
XWA17-064BCK	4" x 20ft	45 PSI	29.8
XWA17-096BCK	6" x 20ft	33 PSI	28.0

**To Add a Strainer to your Hose Assy
Add "S" to the Part# XWA17-032BCKS*



116bl Clear/Blue Heilx Low Temp PVC Suction Hose w/ Part C & K.C. Clamped E/E

XWA18-024BCK	1½" x 20ft	56 PSI	29.8
XWA18-032BCK	2" x 20ft	50 PSI	29.8
XWA18-048BCK	3" x 20ft	50 PSI	29.8
XWA18-064BCK	4" x 20ft	42 PSI	29.8
XWA18-096BCK	6" x 20ft	28 PSI	28.0



Flextuff 300 EPDM Black/Green Helix Suction Hose w/ Part C & K.C. Clamped E/E

XAG01-024BCK	1½" x 20ft	50 PSI	29.8
XAG01-032BCK	2" x 20ft	50 PSI	29.8
XAG01-048BCK	3" x 20ft	43 PSI	29.8
XAG01-064BCK	4" x 20ft	38 PSI	29.8
XAG01-096BCK	6" x 20ft	23 PSI	28.0



Kanaline Blue Corrugated Low Temp PVC Suction Hose w/ Part C & K.C. Clamped E/E

XWA20B-024BCK	1½" x 20ft	75 PSI	28.0
XWA20B-032BCK	2" x 20ft	70 PSI	28.0
XWA20B-048BCK	3" x 20ft	70 PSI	28.0
XWA20B-064BCK	4" x 20ft	60 PSI	28.0
XWA20B-096BCK	6" x 20ft	50 PSI	28.0





**Gaflo EPDM Rubber With Wire Heilx Suction
Hose w/ Part C & K.C. Clamped E/E**

Part #	Size	Max WP	Vacuum
XWA25-024BCK	1½" x 20ft	150 PSI	29.8
XWA25-032BCK	2" x 20ft	150 PSI	29.8
XWA25-048BCK	3" x 20ft	150 PSI	29.8
XWA25-064BCK	4" x 20ft	150 PSI	29.8
XWA25-096BCK	6" x 20ft	150 PSI	29.8

***To Add a Strainer to your Hose Assy
Add "S" to the Part# X□□□-032BCK**S****



**Gaflo EPDM Rubber With Wire Heilx Suction Hose w/
Type B (Bauer Style) Ball & Socket Crimped E/E**

XWA25-064BQD-CC	4" x 20ft	150 PSI	29.8
XWA25-096BQD-CC	6" x 20ft	150 PSI	29.8
XWA25-128BQD-CC	8" x 20ft	150 PSI	29.8



**Gaflo EPDM Rubber With Wire Heilx Suction Hose w/
Type B (Bauer Style) Ball & Socket Crimped E/E**

XWA25-160ABQD-CC	10" x 10ft	150 PSI	29.8
XWA25-192ABQD-CC	12" x 10ft	150 PSI	29.8

**Flextuff 300 EPDM Black/Green Heilx Suction Hose w/
Type B (Bauer Style) Ball & Socket Crimped E/E**

XAG01-064BBQD-CC	4" x 20ft	38 PSI	29.8
XAG01-096BBQD-CC	6" x 20ft	23 PSI	28.0





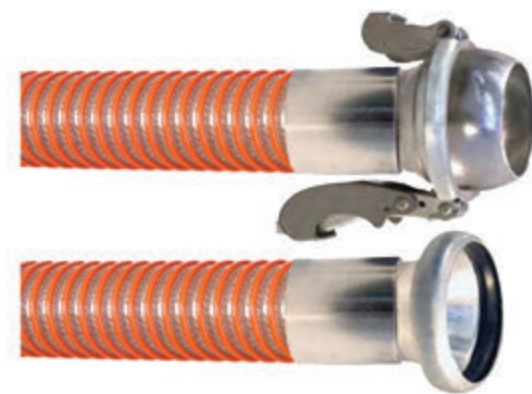
Kanaline SR Orange HD Corrugated PVC Suction hose w/ Type A (Anfor Style) Ball & Socket Crimped E/E

Part #	Size	Max WP	Vacuum
XWA20-160AAQD-CC	10" x 10ft	40 PSI	28.0
XWA20-192AAQD-CC	12" x 10ft	28 PSI	25.0



Kanaline SR Orange HD Corrugated PVC Suction hose w/ Type B (Bauer Style) Ball & Socket Crimped E/E

XWA20-160ABQD-CC	10" x 10ft	40 PSI	28.0
XWA20-192ABQD-CC	12" x 10ft	28 PSI	25.0



Kanaline Blue Corrugated Low Temp PVC Suction hose w/ Type B (Bauer Style) Ball & Socket Crimped E/E

XWA20B-064BBQD-CC	4" x 20ft	60 PSI	28.0
XWA20B-096BBQD-CC	6" x 20ft	50 PSI	28.0
XWA20B-128BBQD-CC	8" x 20ft	40 PSI	28.0



Gaflo EPDM Rubber With Wire Heilx Suction hose w/ Type A (Anfor Style) Ball & Socket Crimped E/E

XWA25-160AAQD-CC	10" x 10ft	150 PSI	29.8
XWA25-192AAQD-CC	12" x 10ft	150 PSI	29.8

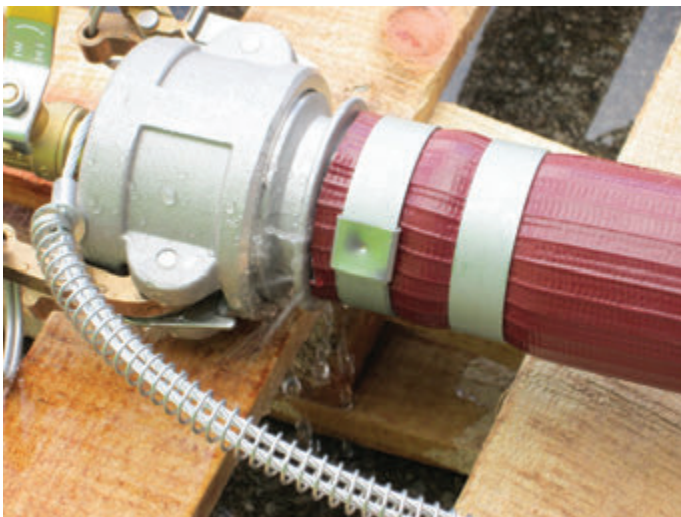


Warning

Please be aware that any hose assembly using pre-formed punch style clamps as the method of attachment, will leak or drip when used in applications that have pressure or backpressure present in the line. As a result, National Hose *cannot warrant* any hose assembly using pre-formed clamps to be 100% leak free when used in these types of applications.

100% Leak Free Guarantee CRIMP IT!

In the test below we have 2 layflat hoses one has pre-formed punch style clamps and the other uses our 100% leak free crimp system, both hoses were filled with water at city pressure with no obvious leaks but when we applied pressure from the pump to 100 Psi the clamped hose started to spray water, but the crimped hose had no issues with leaking or drips the crimp sleeve system keeps the method of attachment 100% leak free, crimping is something we can repeat over and over with the same result. But with punch style clamps we could only guarantee that it will leak at some point?



Water Discharge Hoses

Part #	Size & Length	Description
XWA09-016GCE	1" x 50ft	PolyPump Blue PVC Layflat Hose w/ Part C & E Alum Cam-Locks Clamped E/E
XWA09-024GCE	1½ x 50ft	
XWA09-032GCE	2" x 50ft	
XWA09-048GCE	3" x 50ft	
XWA09-064GCE	4" x 50ft	
XWA09-096GCE	6" x 50ft	



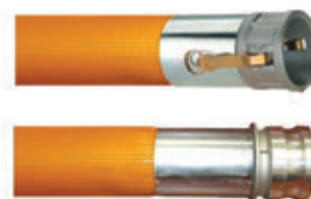
XWA13-024GCE	1½ x 50ft	PolyPump Brown PVC Layflat Hose w/ Part C & E Alum Cam-Locks Clamped E/E
XWA13-032GCE	2" x 50ft	
XWA13-048GCE	3" x 50ft	
XWA13-064GCE	4" x 50ft	
XWA13-096GCE	6" x 50ft	



XWA14-024GCE	1½ x 50ft	Goldflex HD PVC Layflat Hose w/ Part C & E Alum Cam-Locks Clamped E/E
XWA14-032GCE	2" x 50ft	
XWA14-048GCE	3" x 50ft	
XWA14-064GCE	4" x 50ft	
XWA14-096GCE	6" x 50ft	



XWA14-024GCE-CC	1½ x 50ft	Goldflex HD PVC Layflat Hose w/ Part C & E Alum Cam-Locks Crimped E/E
XWA14-032GCE-CC	2" x 50ft	
XWA14-048GCE-CC	3" x 50ft	
XWA14-064GCE-CC	4" x 50ft	
XWA14-096GCE-CC	6" x 50ft	



XWA14-064GBQD-CC	4" x 50ft	Goldflex HD PVC Layflat Hose w/ Type B (Bauer Style) Ball & Socket Crimped E/E
XWA14-096GBQD-CC	6" x 50ft	



Part #	Size	Description
XWA15-024GCE	1½ x 50ft	Eco-Pump hi-viz green PVC Layflat Hose w/ Part C & E Alum Cam-Locks Clamped E/E
XWA15-032GCE	2" x 50ft	
XWA15-048GCE	3" x 50ft	
XWA15-064GCE	4" x 50ft	
XWA15-096GCE	6" x 50ft	



XWA16-024GCE	1½ x 50ft	Single Jacket Mill Layflat Hose w/ Part C & E Alum Cam-Locks Clamped E/E
XWA16-032GCE	2" x 50ft	
XWA16-048GCE	3" x 50ft	
XWA16-064GCE	4" x 50ft	



XWA05-024GCE	1½ x 50ft	MasterPump HD Rubber Semi Layflat Hose w/ Part C & E Alum Cam-Locks Clamped E/E
XWA05-032GCE	2" x 50ft	
XWA05-048GCE	3" x 50ft	
XWA05-064GCE	4" x 50ft	
XWA05-096GCE	6" x 50ft	



XWA05-024GCE-CC	1½ x 50ft	MasterPump HD Rubber Semi Layflat Hose w/ Part C & E Alum Cam-Locks Crimped E/E
XWA05-032GCE-CC	2" x 50ft	
XWA05-048GCE-CC	3" x 50ft	
XWA05-064GCE-CC	4" x 50ft	
XWA05-096GCE-CC	6" x 50ft	



XWA05-064GBQD-CC	4" x 50ft	MasterPump HD Rubber Semi Layflat Hose w/ Type B (Bauer Style) Ball & Socket Crimped E/E
XWA05-096GBQD-CC	6" x 50ft	
XWA05-128GBQD-CC	8" x 50ft	





Part #	Size	Description
XWA06-024GCE	1½ x 50ft	Durapump HP Ribbed Rubber Layflat Hose w/ part C & E Alum Cam-Locks Clamped E/E
XWA06-032GCE	2" x 50ft	
XWA06-048GCE	3" x 50ft	
XWA06-064GCE	4" x 50ft	
XWA06-096CCE	6" x 25ft	
XWA06-096GCE	6" x 50ft	



XWA06-024GCE-CC	1½ x 50ft	Durapump HP Ribbed Rubber Layflat Hose w/ part C & E Alum Cam-Locks Crimped E/E
XWA06-032GCE-CC	2" x 50ft	
XWA06-048GCE-CC	3" x 50ft	
XWA06-064GCE-CC	4" x 50ft	
XWA06-096CCE-CC	6" x 25ft	
XWA06-096GCE-CC	6" x 50ft	



XWA06-064GBQD-CC	4" x 50ft	Durapump HP Ribbed Rubber Layflat Hose w/ Type B (Bauer Style) Ball & Socket Crimped E/E
XWA06-096CBQD-CC	6" x 25ft	
XWA06-096GBQD-CC	6" x 50ft	
XWA06-128CBQD-CC	8" x 25ft	
XWA06-128GBQD-CC	8" x 50ft	



XDM15-024GNPSH	1½" x 50ft	Double Jacket Mill Layflat Hose w/ M X F NPSH Alum cplgs Internal Expanded E/E
XDM15-024JNPSH	1½" x 100ft	
XDM25-040GCSA	2½" x 50ft	Double Jacket Mill Layflat Hose w/ M X F CSA Alum cplgs Internal Expanded E/E
XDM25-040JCSA	2½" x 100ft	



Part #	Size	Description
XWA14-024GNPSH	1½" x 50ft	Goldflex HD PVC Layflat Hose w/ M X F NPSH Alum cplgs Internal Expanded E/E
XWA14-024JNPSH	1½" x 100ft	
XWA14-040GCSA	2½" x 50ft	Goldflex HD PVC Layflat Hose w/ M X F CSA Alum cplgs Internal Expanded E/E
XWA14-040JCSA	2½" x 100ft	



XWA16-024GNPSH	1½" x 50ft	Single Jacket Mill Layflat Hose w/ M X F NPSH Alum cplgs Internal Expanded E/E
XWA16-024JNPSH	1½" x 100ft	
XWA16-040GCSA	2½" x 50ft	Single Jacket Mill Layflat Hose w/ M X F CSA Alum cplgs Internal Expanded E/E
XWA16-040JCSA	2½" x 100ft	



XWA06-024GNPSH	1½" x 50ft	Durapump HP Ribbed Rubber Layflat Hose w/ M X F NPSH Alum cplgs Internal Expanded E/E
XWA06-024JNPSH	1½" x 100ft	
XWA06-040GCSA	2½" x 50ft	Durapump HP Ribbed Rubber Layflat Hose w/ M X F CSA Alum cplgs Internal Expanded E/E
XWA06-040JCSA	2½" x 100ft	



XLD15R-024GNPSH	1½" x 50ft	LD Red HP Ribbed Rubber Layflat Hose w/ M X F NPSH Alum cplgs Internal Expanded E/E
XLD15R-024JNPSH	1½" x 100ft	
XLD25R-040GCSA	2½" x 50ft	LD Red HP Ribbed Rubber Layflat Hose w/ M X F CSA Alum cplgs Internal Expanded E/E
XLD25R-040JCSA	2½" x 100ft	



Pressure Wash Hose assemblies

BLUE 4000 PSI PRESSURE WASH Wrapped COVER w/ 3/8" MNPT RIGID X Swivel & BEND RESTRICTORS E/E

Part #	Size & Length
XPW06B-25	3/8" x 25ft
XPW06B-50	3/8" x 50ft
XPW06B-100	3/8" x 100ft



BLUE 4000 PSI PRESSURE WASH Wrapped COVER w/ 3/8" MNPT RIGID X Swivel, QD'S & BEND RESTRICTORS E/E

XPW06B-25QD	3/8" x 25ft
XPW06B-50QD	3/8" x 50ft
XPW06B-100QD	3/8" x 100ft



KURT TUFF 5500 PSI PRESSURE WASH TUFF COVER w/ 3/8" MNPT RIGID X Swivel & BEND RESTRICTORS E/E

XKT06BK-25	3/8" x 25ft
XKT06BK-50	3/8" x 50ft
XKT06BK-100	3/8" x 100ft



BLACK 6000 PSI PRESSURE WASH Wrapped COVER w/ 3/8" MNPT RIGID X Swivel & BEND RESTRICTORS E/E

XPW206BK-25	3/8" x 25ft
XPW206BK-50	3/8" x 50ft
XPW206BK-100	3/8" x 100ft



COLD WATER PRESSURE WASH GUN 5000 PSI, MAX 210' F

ART-101 3/8" FNPT INLET X 1/4" FNPT OUTLET



INSULATED PRESSURE WASH Wand 5000 PSI, w/ 1/4" MNPT E/E

ART-312 36" Long

ART-313 42" Long

ART-316 72" Long



COLD WATER P.WASH GUN KIT 5000 PSI, w/ Wand, GUN & QUICK CONNECTS

85-205-026 36" Long



QUICK CONNECT SPRAY NOZZLES, 4000 PSI, 4.5 GPM

QC-201045 0 Deg Red

QC-216045 15 Deg Yellow

QC-226045 25 Deg Green

QC-241045 40 Deg White

QC-266400 65 Deg Black



Most Common Use for each Nozzle

RED tip (0°) Use for concrete and metallic surfaces.



YELLOW (15°) Use for concrete, garage floor, walls and even roofs and drains.



GREEN tip (25°) Use for cleaning decks, walkways, brick patios and even furniture.



WHITE tip (40°) Use for stucco walls, home sidings and glossy surfaces.



BLACK tip (65°) Use to apply chemicals or detergents.



Part #	Size	Description
ST-N2	1/4" FNPT	Steel Straight Thru Nipple x Fem NPT
ST-N3	3/8" FNPT	
ST-N2M	1/4" MNPT	Steel Straight Thru Nipple x Male NPT
ST-N3M	3/8" MNPT	
BST-N2M	1/4" MNPT	Brass Straight Thru Nipple x Male NPT
BST-N3M	3/8" MNPT	
BST-N4M	1/2" MNPT	
BST-2	1/4" FNPT	Brass Straight Thru Quick Coupler x Fem NPT
BST-3	3/8" FNPT	
BST-4	1/2" FNPT	
SST-2	1/4" FNPT	303ss Straight Thru Quick Coupler x Fem NPT
SST-3	3/8" FNPT	
SST-4	1/2" FNP	
SST-N2M	1/4" MNPT	303ss Straight Thru Nipple x Male NPT
SST-N3M	3/8" MNPT	
SST-N4M	1/2" MNPT	
KNPT-4	M22x 1.5 x 1/4" FNPT	Karcher Style Fem Swivel x Fem NPT
KNPT-6	M22x 1.5 x 3/8" FNPT	
KNPT-4M	M22x 1.5 x 1/4" MNPT	Karcher Style Fem Swivel x Male NPT
KNPT-6M	M22x 1.5 x 3/8" MNPT	
KNPT-M6M	M22x 1.5 x 3/8" MNPT	Karcher Style Male x Male NPT



Steel



Steel



Brass



Brass



303 Stainless



Vacuum, Heater & AC Ducting

Part #	Size & Length	Description	Std Pkg
VA-01-020	1¼"	Z-Vac grey Light Duty industrial Vacuum Hose	25 / 50ft
VA-01-024	1½"		
VA-03-024B	1½"	G-Vac Blue/Black Med Duty industrial Vacuum Hose	25 / 50ft
VA-03-032B	2"		
VA-15-93121	1¼"	Screw-On Cuff x Wand For Z-Vac & G-Vac Hose	1pc
VA-15-90121	1½"		
VA-15-91121	2"		
VA-18-92921	1¼"	Screw-On Joiner For Z-Vac & G-Vac Hose	1pc
VA-18-93021	1½"		
VA-18-94621	2"		
SK1212-0009	12" x 12ft	Jetsox Black, Portable Heater Ducting w/ Pinlock Ends, Boxed Temperature -65'f to 375'f	44pcs Per Skid
TR1225-0025	12" x 25ft	Jetflex Lt Black, Portable Heater Ducting w/ (No Weartrip) Cuffed Cam Strap & Buckle Inlet & End Ring Outlet Temperature -65'f to 375'f	24pcs Per Size
TR1625-0020	16" x 25ft		
TR2025-0017	20" x 25ft		
TR2425-0011	24" x 25ft		





Part #	Size	Description	Std Pkg
TR1025-0001	10" x 25ft	Jetflex Black, Portable Heater Ducting w/ Ware Strip & Silicone Stater Cuffed Cam Strap & Buckle Inlet & End Ring Outlet Temperature -65'f to 375'f	24pcs Per Size
TR1625-0018	16" x 25ft		
TR1825-0013	18" x 25ft		
TR2025-0013	20" x 25ft		
TR2425-0007	24" x 25ft		



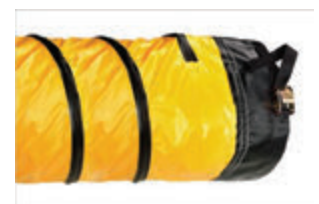
MC12-0004	12" x 12" x 12"	Jetflex Heater Wye (1)B eltstrap x (2) End Rings	10pcs Per Size
MC16-0006	16" x 16" x 16"		
MC16-0007	16" x 12" x 12"		
MC20-0013	20" x 20" x 20"		
MC20-0011	20" x 12" x 12"		
MC24-0002	24" x 24" x 24"		
MC24-0003	24" x 12" x 12"		



1PVEPW-8	8" x 25ft	1 ply Yellow Vinyl, Blower Ducting w/ Black Scuff Guard Cuffed End Ring Inlet & Outlet Temperature -20'f to +180'f	1pc Per Size
1PVEPW-12	12" x 25ft		
1PVEPW-16	16" x 25ft		
1PVEPW-18	18" x 25ft		
1PVEPW-20	20" x 25ft		



1PVEPW-8B	8" x 25ft	1 ply Yellow Vinyl, Blower Ducting w/ Black Scuff Guard Belted Cuff Inlet & End Ring Outlet Temperature -20'f to +180'f	1pc Per Size
1PVEPW-12B	12" x 25ft		
1PVEPW-16B	16" x 25ft		
1PVEPW-18B	18" x 25ft		
1PVEPW-20B	20" x 25ft		



GP-W1225BAG	12" x 25ft	Stoflex Yellow, Blower Ducting w/ Black Scuff Guard Cuffed Strap Clip/Bag Inlet, End Ring Outlet Temperature -40'f to +180'f	1pc
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Part #	Size	Description	Std Pkg
GS1625-0008	16" x 25ft	Eventflex Yellow Vinyl, Blower Ducting w/ Black Scuff Guard, Cuffed End Ring Inlet & Outlet Temperature -40'f to +180'f	24pcs Per Size
GS1825-0001	18" x 25ft		
GS2025-0001	18" x 25ft		



GW1025-0001	10" x 25ft	Airoflex White Polyester/pvc, vac Blower Ducting w/ White Cuffed End Ring Inlet & Outlet Temperature -40'f to +180'f	24pc Per Size
GW1225-0004	12" x 25ft		
GW1425-0001	14" x 25ft		
GW1625-0002	16" x 25ft		
GW2025-0002	20" x 25ft		



GW0825-0003	8" x 25ft	Airoflex White Polyester/pvc, hvac Blower Ducting w/ Royal Blue Cuffed End Ring Inlet & Outlet Temperature -40'f to +180'f	24pc Per Size
GW1225-0017	12" x 25ft		
GW1425-0002	14" x 25ft		
GW1625-0007	16" x 25ft		
GW2025-0001	20" x 25ft		



GS1425-0002	14" x 25ft	Quick-Kleen White Polyester/pvc, hvac Blower Ducting w/ Black Scuff Guard, Cuffed End Ring Inlet & Outlet Temperature -40'f to +180'f	24pc Per Size
GS1625-0014	16" x 25ft		
GS2025-0004	20" x 25ft		



GS1225-0006	12" x 25ft	Quick-Kleen White Insulated Polyester/ pvc, hvac Blower Ducting w/ Black Scuff Guard, Cuffed End Ring Inlet & Outlet Temperature -40'f to +180'f	12pc Per Size
GS1425-0003	14" x 25ft		
GS1625-0009	16" x 25ft		
GS2025-0010	20" x 25ft		





Part #	Size	Description	Std Pkg
MC20-0004	20" x 20" x 20"	Eventflex hvac Wye (1) Beltstrap x (2) End Rings	10pc Per Size
MC20-0017	20" x 16" x 16"		
MC20-0006	20" x 14" x 14"		
MC20-0008	20" x 12" x 12"		



MC12-0003	12"	Ratchet Fan Strap For Around Ducting	20pc Per Size
MC14-0002	14"		
MC16-0001	16"		
MC18-0003	18"		
MC20-0001	20"		



MC12-0003	12"	PVC Coupling For Stronger End Ring Connection	10pc Per Size
MC14-0002	14"		
MC16-0001	16"		
MC18-0003	18"		
MC20-0001	20"		



Cam-Locks

Part A - Adapter Adapter x Female NPT

Part #	Size
100-AA	1"
125-AA	1¼"
150-AA	1½"
200-AA	2"
250-AA	2½"
300-AA	3"
400-AA	4"
600-AA	6"
800-AA	8"



Part B - Coupler Coupler x Male NPT

Part #	Size
100-BA	1"
125-BA	1¼"
150-BA	1½"
200-BA	2"
250-BA	2½"
300-BA	3"
400-BA	4"
600-BA	6"
800-BA	8"



Part C - Coupler Coupler x Hose Shank

Part #	Size
100-CA	1"
125-CA	1¼"
150-CA	1½"
200-CA	2"
250-CA	2½"
300-CA	3"
400-CA	4"
600-CA	6"
800-CA	8"



Part D - Coupler Coupler x Female NPT

Part #	Size
100-DA	1"
125-DA	1¼"
150-DA	1½"
200-DA	2"
250-DA	2½"
300-DA	3"
400-DA	4"
600-DA	6"
800-DA	8"



Part E - Adapter
Adapter x Hose Shank

Part #	Size
100-EA	1"
125-EA	1¼"
150-EA	1½"
200-EA	2"
250-EA	2½"
300-EA	3"
400-EA	4"
600-EA	6"
800-EA	8"



Part F - Adapter
Adapter x Male NPT

Part #	Size
100-FA	1"
125-FA	1¼"
150-FA	1½"
200-FA	2"
250-FA	2½"
300-FA	3"
400-FA	4"
600-FA	6"
800-FA	8"



Part DC - Coupler
Dust Cap

Part #	Size
100-DCA	1"
125-DCA	1¼"
150-DCA	1½"
200-DCA	2"
250-DCA	2½"
300-DCA	3"
400-DCA	4"
600-DCA	6"
800-DCA	8"



Part DP - Coupler
Dust Plug

Part #	Size
100-DPA	1"
125-DPA	1¼"
150-DPA	1½"
200-DPA	2"
250-DPA	2½"
300-DPA	3"
400-DPA	4"
600-DPA	6"
800-DPA	8"



**Part CXA Reducers
Coupler x Adapter**

Part #	Size
ACA-21	2" x 1½"
ACA-32	3" x 2"
ACA-43	4" x 3"
ACA-64	6" x 4"



**Part CXC
Coupler x Coupler**

Part #	Size
ACC-20	2"
ACC-30	3"
ACC-40	4"



**Part SA
Spool Adapter**

Part #	Size
AAA-20	2"
AAA-30	3"
AAA-40	4"



**Buna-N Rubber Cam-
Lock Gaskets**

Part #	Size
B-100	1"
B-125	1¼"
B-150	1½"
B-200	2"
B-250	2½"
B-300	3"
B-400	4"
B-600	6"
B-800	8"



**Test Kit
Adapters**



Part #	Size	Max WP
X200DCA-VPG	2"	-30Hg/30Psi
X300DCA-VPG	3"	-30Hg/30Psi

**Test Kit
Adapters**



Part #	Size	Max WP
X200A-GHT	2"	250 PSI
X300A-GHT	3"	250 PSI

KC Nipples & Strainers

Part #	Size
ST-10	1"
ST-15	1¼"
ST-20	1½"
ST-25	2"
ST-35	3"
ST-40	4"
ST-60	6"



Part #	Size
DM-21	1½"
DM-26	2"
DM-36	3"
DM-46	4"
DM-66	6"



Part #	Size
CAI-150	1½"
CAI-200	2"
CAI-300	3"
CAI-400	4"
CAI-600	6"



Part #	Size
KRW-20	1½"
KRW-25	2"
KRW-35	3"
KRW-40	4"
KRW-60	6"



Part #	Size
RHS-20	1½"
RHS-25	2"
RHS-35	3"
RHS-40	4"
RHS-60	6"



Part #	Size
SHS-20	1½"
SHS-25	2"
SHS-35	3"
SHS-40	4"
SHS-60	6"



Part #	Size
TSS20	1½"
TSS25	2"
TSS35	3"
TSS40	4"



Part #	Size
DFVS-20	1½"
DFVS-25	2"
DFVS-35	3"
DFVS-40	4"
DFVS-60	6"



Universals, Dix-Lock, Dual-Lock

Part #	Size
AMH	3/8"
AM-1	1/2"
AM-6	3/4"
AM-11	1"
AM-16*	1 1/4"
AM-21*	1 1/2"
AM-26*	2"



Part #	Size
AMC	3/8"
AM-3	1/2"
AM-8	3/4"
AM-13	1"
AM-18*	1 1/4"
AM-23*	1 1/2"
AM-28*	2"

Part #	Size
AMB	3/8"
AM-2	1/2"
AM-7	3/4"
AM-12	1"



Part #	Size
AWR-4	3/8" - 1"
AWS-6	3/8" - 1"
AWR-14	1 1/4" - 2"



Part #	Size
AM-0	3/8" - 1"



Part #	Size
AM-10	3/8" - 1"



Part #	Size
AC-1	ALL
ACL-8	ALL



Dix-Lock Fittings



Part #	Size
QM-41	3/8"
QM-42	1/2"
QM-43	3/4"



Part #	Size
QM-66	1/2"
QM-88	3/4"



Part #	Size
QM-81	3/8"
QM-82	1/2"
QM-83	3/4"



Part #	Size
QM-61	3/8"
QM-62	1/2"
QM-63	3/4"



Part #	Size
QM-21	3/8"
QM-22	1/2"
QM-23	3/4"
QM-23WF	3/4"



Part #	Size
QM-101	3/8"
QM-102	1/2"
QM-103	3/4"



Part #	Size
QM-0	1/2"
QM-CAP	1/2"
QBM-2	1/2"



Part #	Size
QM-2	3/8"
QM-3	1/2"
QM-4	3/4"



Part #	Size
QM-33	1/2"
QM-44	3/4"
QM-44WF	3/4"

Dual-Lock Fittings



Part #	Size
PHL-6	3/8"
PHL-8	1/2"
PHL-12	3/4"
PHL-12WF	3/4"
PHL-16	1"



Part #	Size
PML-6	3/8"
PML-8	1/2"
PML-12	3/4"



Part #	Size
PFL-8	1/2"
PFL-12	3/4"



Part #	Size
855206	1/2"
855231	1/2"



GI Boss Fittings



Part #	Size
GB-6	3/4"
GB-11	1"
GB-16	1 1/4"
GB-21	1 1/2"
GB-26	2"
GB-36	3"



Part #	Size
B-12	3/4"
B-12	1"
B-17	1 1/4"
B-17	1 1/2"
B-27	2"
B-37	3"



Part #	Size
MS-6	3/4"
MS-11	1"
MS-16	1 1/4"
MS-21	1 1/2"
MS-26	2"
MS-36	3"



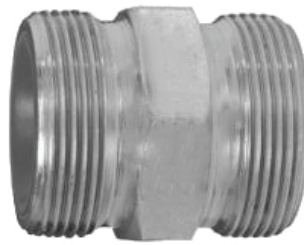
Part #	Size
MS-6	3/4"
MS-11	1"
MS-16	1 1/4"
MS-21	1 1/2"
MS-26	2"
MS-36	3"



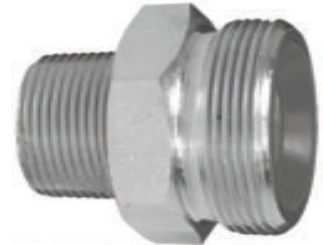
Part #	Size
IC-3	3/4"
BU-14	1"
BU-19	1 1/4"
BU-24	1 1/2"
BU-29	2"
BU-35D	3"



Part #	Size
GB-8	3/4"
GB-13	1"
GB-18	1¼"
GB-23	1½"
GB-28	2"
GB-38	3"



Part #	Size
GDB-13	3/4"
GDB-13	1"
GDB-23	1¼"
GDB-23	1½"
GDB-28	2"
GDB-38	3"



Part #	Size
GM-8	3/4"
GM-13	1"
GM-18	1¼"
GM-23	1½"
GM-28	2"
GM-38	3"

Hose-Hose Service



Part #	Size
WB-1	1/2" to 1"
WB-2	1¼ to 3"

Hose-Tool Service



Part #	Size
WSR-1	1/2" to 1"
WSR-2	1¼ to 3"

Air line Accessories

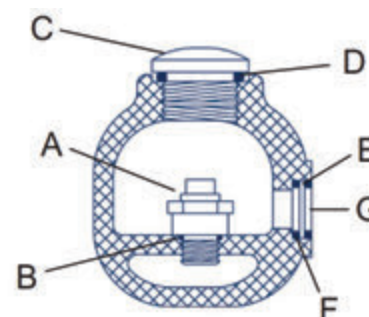
Part #	Size	Description
PL-300	1/2"	FNPT In-Line Lubricator, Capacity 1.4 fl/oz, 30 SCFM
PL-400	3/4"	FNPT In-Line Lubricator, Capacity 3.7 fl/oz, 70 SCFM
PL-400L	3/4"	FNPT In-Line Lubricator, Capacity 11.0 fl/oz, 70 SCFM
PL-500	1"	FNPT In-Line Lubricator, Capacity 16.0 fl/oz, 150 SCFM



PL-300FL	1/2"	FNPT In-Line Lubricator/Filter, Capacity 1.4 fl/oz, 30 SCFM
PL-400FL	3/4"	FNPT In-Line Lubricator/Filter, Capacity 3.7 fl/oz, 70 SCFM



TX-02000	Spare & Replacement Parts	Fill Plug
TX-02001		Fill Plug O-Ring
TX-02002		Oil Adj Valve Assembly
TX-02006		Oil Valve Gasket
TX-02003		Sight Disk
TX-02004		Sight Disk Lock Nut
TX-02005		Sight Disk Seal



TX-00988	1/2"	Swivel 45° Bend x 1/2" Hose Barb Black Steel
TX-01087	7/8" - 24"	
TX-00407C	3/8"	

Steel Brent Stem Swivels



Part #	Size	Description
BBV-25	1/4"	Fem Npt Brass Full Port Ball Valve 600 WOG
BBV-38	3/8"	
BBV-50	1/2"	
BBV-75	3/4"	
BBV-100	1"	
BBV-125	1 1/4"	
BBV-150	1 1/2"	
BBV-200	2"	
BBV-300	3"	
BBV-400	4"	



DKHA-10V	1" FNPT x (2) 3/4" MNPT Dbl Brass Ball Valve 400 WOG w/ Down Stream Vent
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DKHA-34V	3/4" FNPT Brass Locking Ball Valve, 600 WOG w/ Down Stream Vent
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DCP-20	1/4" IND SERIES PLUG X 1/4" FNPT
DCP-2023	1/4" IND SERIES PLUG X 3/8" FNPT



DCP-21	1/4" IND SERIES PLUG X 1/4" MNPT
DCP-2103	1/4" IND SERIES PLUG X 3/8" MNPT



DCP-2142	1/4" IND SERIES PLUG X 1/4" HOSE BARB
DCP-2144	1/4" IND SERIES PLUG X 3/8" HOSE BARB



DC-20	1/4" IND SERIES COUPLER X 1/4" FNPT
DC-2023	1/4" IND SERIES COUPLER X 3/8" FNPT



DC-21	1/4" IND SERIES COUPLER X 1/4" MNPT
DC-2103	1/4" IND SERIES COUPLER X 3/8" MNPT





Part #	Description
DC-2042	1/4" IND SERIES COUPLER X 1/4" HOSE BARB
DC-2044	1/4" IND SERIES COUPLER X 3/8" HOSE BARB



DCP-37	1/4" ARO SERIES NIPPLE X 1/4" MNPT
DCP-3703	1/4" ARO SERIES NIPPLE X 3/8" MNPT



DCP-38	1/4" ARO SERIES NIPPLE X 1/4" FNPT
DCP-3823	1/4" ARO SERIES NIPPLE X 3/8" FNPT



DC-37	1/4" ARO SERIES COUPLER X 1/4" MNPT
DC-3703	1/4" ARO SERIES COUPLER X 3/8" MNPT



DC-38	1/4" ARO SERIES COUPLER X 1/4" FNPT
DCP-3823	1/4" ARO SERIES COUPLER X 3/8" FNPT



20-440	1/4" U SERIES AUTO COUPLER X 1/4" FNPT
20-460	1/4" U SERIES AUTO COUPLER X 3/8" FNPT
20-640	1/4" U SERIES AUTO COUPLER X 1/4" MNPT



Fire Hose Adapters & Valves

Part #	Description
A75-075	2-1/2" FCSA X 3/4" MNPT
A75-075GHT	2-1/2" FCSA X 3/4" MGHT
A75-150	2-1/2" FCSA X 1-1/2" MNPSH
A75-150Q	2-1/2" FQST X 1-1/2" MNPSH
A75-150QC	2-1/2" FQMT X 1-1/2" MNPSH
A75-200	2-1/2" FCSA X 2" MNPT
A75-250	2-1/2" FCSA X 2-1/2" MNPT
A75-300	2-1/2" FCSA X 3" MNPT



A90-200	2-1/2" FCSA Swivel X 2" FNPT
A90-250	2-1/2" FCSA Swivel X 2-1/2" FNPT



A91-200	2-1/2" FCSA Swivel X 2" MNPT
A91-200Q	2-1/2" FQST Swivel X 2" MNPT
A91-250	2-1/2" FCSA Swivel X 2-1/2" MNPT
A91-300	2-1/2" FCSA Swivel X 3" MNPT



A92-200	2-1/2" MCSA X 2" MNPT
A92-200Q	2-1/2" MQST X 2" MNPT
A92-250	2-1/2" MCSA X 2-1/2" MNPT
A92-300	2-1/2" MCSA X 3" MNPT



A93-200	2-1/2" MCSA X 2" FNPT
A93-250	2-1/2" MCSA X 2-1/2" FNPT



Part #	Description
SL-075	3/4" FNPT
SL-075G	3/4" FGHT
SL-100	1" FNPSH
SL-150	1-1/2" FNPSH
SL-200	2" FNPSH



A7B-100	1" FNPSH
A7B-150	1-1/2" FNPSH
A7B-200	2" FNPSH
A7B-250	2-1/2" FCSA



A53G	2-1/2" MCSA X FCSA
AHGV-250C	2-1/2" MCSA X FCSA
AHGV-250Q	2-1/2" MCSA X FQST



C32	UNIVERSAL HYDRANT WRENCH
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Hyd Skid Steer Cplgs

Part #	Size	Description
801301010	1/2" Body	Iso 16028 ff Coupler x 1/2" FNPT
801301009	1/2" Body	Iso 16028 ff Nipple x 1/2" FNPT
805201005	1/2" Body	Iso 16028 ff Nipple C.U.P x 1/2" FNPT



Coupler Nipple

801304024	1/2" Body	Iso 16028 ff Coupler x 5/8" FSAE ORB
801304025	1/2" Body	Iso 16028 ff Nipple x 5/8" FSAE ORB
805204003	1/2" Body	Iso 16028 ff Nipple C.U.P x 5/8" FSAE ORB

801304010	1/2" Body	Iso 16028 ff Coupler x 3/4" FSAE ORB
801304009	1/2" Body	Iso 16028 ff Nipple x 3/4" FSAE ORB
805204005	1/2" Body	Iso 16028 ff Nipple C.U.P x 3/4" FSAE ORB



PM C.U.P NIPPLE

801304028	3/4" Body	Iso 16028 ff Coupler x 3/4" FSAE ORB
801304029	3/4" Body	Iso 16028 ff Nipple x 3/4" FSAE ORB
805204027	3/4" Body	Iso 16028 ff Nipple C.U.P x 3/4" FSAE ORB

803306000	1/2" Body	Iso 16028 ff Coupler x 5/8" MJIC BH
801306017	1/2" Body	Iso 16028 ff Nipple x 5/8" MJIC BH
805206001	1/2" Body	Iso 16028 ff Nipple C.U.P x 5/8" MJIC BH

803313000	1/2" Body	Iso 16028 ff Coupler x 5/8" MORFS BH
801313001	1/2" Body	Iso 16028 ff Nipple x 5/8" MORFS BH
805213001	1/2" Body	Iso 16028 ff Nipple C.U.P x 5/8" MORFS BH

Flat Face Cartridge QD's



Part #	Size	Description
KIT-4FI12-F	1/2" Body	Flat Face Cartridge Coupler x 46mm Thread To Fit 4bd4fi Block
KIT-4FI12-M	1/2" Body	Flat Face Cartridge Nipple x 46mm Thread To Fit 4bd4fi Block



KIT-4FH08-F	1/2" Body	Flat Face Cartridge Coupler x 48mm Thread To Fit 4bd4fh Block
KIT-4FH08-M	1/2" Body	Flat Face Cartridge Nipple x 48mm Thread To Fit 4bd4fh Block



KIT-4FH12-F	3/4" Body	Flat Face Cartridge Coupler x 48mm Thread To Fit 4bd4fh Block
KIT-4FH12-M	3/4" Body	Flat Face Cartridge Nipple x 48mm Thread To Fit 4bd4fh Block

ISO A Series Coupler/Nipple - Steel

Part #	Size	Description
5601-4-4S	1/4" Body	Coupler x 1/4" FNPT
5602-4-4S	1/4" Body	Nipple x 1/4" FNPT
5601-6-6S	3/8" Body	Coupler x 3/8" FNPT
5602-6-6S	3/8" Body	Nipple x 3/8" FNPT
5601-8-10S	1/2" Body	Coupler x 1/2" FNPT
5602-8-10S	1/2" Body	Nipple x 1/2" FNPT
5601-12-12S	3/4" Body	Coupler x 3/4" FNPT
5602-12-12S	3/4" Body	Nipple x 3/4" FNPT
5601-16-16S	1" Body	Coupler x 1" FNPT
5602-16-16S	1" Body	Nipple x 1" FNPT



ISO B Series Coupler/Nipple - Steel

2HF2	1/4" Body	Coupler x 1/4" FNPT
H2F2	1/4" Body	Nipple x 1/4" FNPT
3HF3	3/8" Body	Coupler x 3/8" FNPT
H3F3	3/8" Body	Nipple x 3/8" FNPT
4HF4	1/2" Body	Coupler x 1/2" FNPT
H4FH	1/2" Body	Nipple x 1/2" FNPT
6HF6	3/4" Body	Coupler x 3/4" FNPT
H6F6	3/4" Body	Nipple x 3/4" FNPT
8HF8	1" Body	Coupler x 1" FNPT
H8F8	1" Body	Nipple x 1" FNPT



ISO B Series Coupler/Nipple - Brass

BH2-60	1/4" Body	Coupler x 1/4" FNPT
BH2-61	1/4" Body	Nipple x 1/4" FNPT
BH3-60	3/8" Body	Coupler x 3/8" FNPT
BH3-61	3/8" Body	Nipple x 3/8" FNPT
BH4-60	1/2" Body	Coupler x 1/2" FNPT
BH4-61	1/2" Body	Nipple x 1/2" FNPT
BH6-60	3/4" Body	Coupler x 3/4" FNPT
BH6-61	3/4" Body	Nipple x 3/4" FNPT
BH8-60	1" Body	Coupler x 1" FNPT
BH8-61	1" Body	Nipple x 1" FNPT



Clamps & Tooling

Part #	Size	Description	Pkg Qty
CP-6	1½"	Galv. Pre-formed Clamps	100pcs
CP-9	2¼"		100pcs
CP-10	2½"		50pcs
CP-12	3"		50pcs
CP-14	3½"		50pcs
CP-16	4"		25pcs
CP-18	4½"		25pcs
CP-24	6"		25pcs
CP-28	7'		25pcs



F-100	ALL	Manual Pre-Form Clamping Tool	1pc
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C-204	1/2"	Wide 201 st/st Banding 100ft	1 Box
C-205	5/8"		
C-206	3/4"		



C-254	1/2"	Type 201 st/st Buckles 100pcs	1 Box
C-255	5/8"		
C-256	3/4"		



C-001	ALL	Manual Standard Banding Tool	1pc
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Part #	Size	Description	Pkg Qty
HF-4	1/4" to 5/8"	Gera Clamp, st/st Band w/ Carbon Screw	10pcs Per Box
HF-5	5/16" to 7/8"		
HF-6	3/8" to 35/32"		
HF-8	1/2" to 1"		
HF-10	9/16" to 1-1/8"		
HF-12	11/16" to 1-1/4"		
HF-16	5/8" to 1-1/2"		
HF-20	13/16" to 1-3/4"		
HF-24	1-1/16" to 2"		
HF-28/ 30	1-7/16 to 2-3/8"		
HF-32	1-9/16" to 2-1/2"		
HF-36	1-13/16 to 2-3/4"		
HF-40	2-1/16" to 3"		
HF-44	2-5/16" to 3-1/4"		
HF-48	2-9/16" to 3-1/2"		
HF-52	2-13/16" to 3-3/4"		
HF-56	3" to 4"		
HF-60	3-5/16" to 4-1/4"		
HF-64	3-9/16 to 4-1/2"		

Safety Check Valve

Prevents dangerous hose whip on portable Air compressors

Application:

- used in temporary plant/factory Air lines, construction sites, shipyards or utilities
- not for use in applications where 100% of the available Air is required, i.e. sand blast, pile driving rigs, expansion joint blow down pipes, etc.

Features:

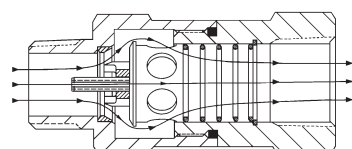
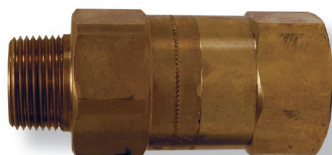
- high flow valve provides optimum performance
- controls excess Air flow (SCFM) in only one direction
- automatically senses change in Air flow and shuts off the flow in the event of a surge in excess of valve flow rating thus preventing hose whip
- maximum operating pressure: **350 PSI**
- maximum temperature: **250°F (121°C)**
- does not prevent backflow

Materials:

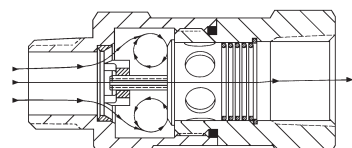
- solid Brass body and valve
- stainless steel spring and roll pin

Specification:

- conforms to OSHA regulation 1926.302 (b) (7) requiring a safety device at the source of the Air supply and at branch Air lines



Check Valve In Open Position



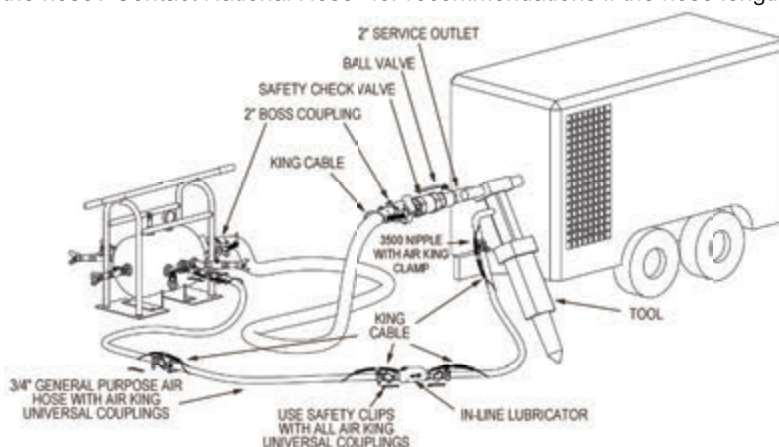
Check Valve In Closed Position

How It Works:

- Safety check valves utilize the pressure differential across the valve to operate the valve and spring assembly. The pressure differential is directly related to the flow of Air (SCFM) through the valve.
- When the pressure differential is within the operating limits - below the cutoff flow - of the unit, the force on the valve exerted by the spring is greater than that caused by the pressure differential (see "Open Position" graphic to the left). The valve remains open and normal operation continues.
- When the pressure differential is above the cutoff limit, the force on the valve exerted by the pressure differential is greater than the force exerted by the spring, and the valve closes (see the "Closed Position" graphic to the left).
- After the repair is made, normal operation is automatically enabled when pressure across the valve equalizes through the bleeder hole.
- The valve spring size can be specified by determining the Air flow during normal operation and by estimating the Air flow if a failure or rupture occurs.

Questions to ask when selecting a safety shut-off valve:

1. What is the hose ID size you are using?
2. What is the operating pressure of the compressor, in PSI?
3. What is the SCFM of your compressor? (printed on the side of most Air compressors)
4. How much Air flow, in SCFM, does the tool(s) require?
5. What is the maximum Air flow possible, in SCFM, through your Air hose, at the end of the length of the hose? Contact National Hose® for recommendations if the hose length is over 100'.



Installation:

A safety shut-off valve should be placed immediately after the Air control valve and before the hose on a compressor, and after each discharge port on a manifold (see drawing above).

Sizing the safety shut-off valve:

1. The safety shut-off valve NPT size must be the same as the nominal ID size of the Air line on which it is used. *Note: Never increase or decrease the hose size from the compressor to the tool or from the compressor to the manifold.*
2. One safety shut-off valve must be used on each hose outlet from the manifold.
3. To avoid nuisance cut-off's, the shut-off valve selected should have a cut-off range of 110% of the maximum anticipated Air flow to the tool, or tools, to be used.
4. The maximum SCFM of the supply side Air line must be above the cut-off range of the valve. The cut-off range of shut-off valves is given at 90 PSI. To determine the cut-off range at other PSI's, use the formula or the sample numbers in the Cut-off Rate Chart below to find the flow rate multiplier. Multiply the flow rate multiplier by the numbers in the cut-off flow range column to find the cut-off range at your PSI.

$$\sqrt{\frac{\text{PSIG} + 14.7}{104.7}}$$

flow rate multiplier formula

**Safety Shut-off Valve Cut-off Rates
at PSI's Other Than 90 PSI**

Inlet pressure (PSI)	25	50	75	100	125
Flow rate multiplier	.62	.79	.93	1.05	1.16

Operation:

Before starting the compressor the Air control valve should be closed completely. When the compressor unloads, open the Air control valve *very slowly*. Full port ball valves tend to work better than gate or butterfly Type valves.

The Air control valve must be fully open for the safety shut-off valve to work. Some portable Air compressor manufacturers recommend start-up with the Air control valve slightly open. In this case you may have to close the valve and reopen it slowly to the full open position, or wait for the safety shut-off valve to reset itself.

If the valve fails to operate despite meeting all conditions, check the hose line for obstructions or a hose mender restricting normal Air flow.

NPT and Hose ID Size	Part #	Cut-off Flow Rate (SCFM at 90 PSI)
1/4"	SCVL2	23-29
3/8"	SCVM3	39-47
	SCVS3	52-65
1/2"	SCVM4	70-78
	SCVS4	80-96
3/4"	SCVL6	72-88
	SCVM6	92-108
	SCVR6	112-128
	SCVJ6	132-148
	SCVS6	160-180
	SCVH6	180-200
1"	SCVL8	165-195
	SCVM8	220-260
	SCVS8	280-320
	SCVH8	310-340
1 1/4"	SCVL10	260-290
	SCVM10	300-340
	SCVS10	440-500
	SCVH10	570-630
1 1/2"	SCVL12	300-360
	SCVM12	470-530
	SCVS12	640-720
	SCVH12	750-830
2"	SCVL16	510-590
	SCVM16	725-825
	SCVS16	900-1050
	SCVH16	1100-1200
3"	SCVL24	1200-1400
	SCVS24	2400-2700
	SCVH24	2850-3050

SAFETY



Couplings and retention devices are designed to work safely for their intended use. The selection of the proper hose, coupling and retention device, and the proper application of the coupling to the hose are of utmost importance.

Users must consider the size, temperature, application, media, pressure and hose and coupling manufacturer's recommendations when selecting the proper hose assembly components. National Hose recommends that all hose assemblies be tested in accordance with the Association for Rubber Products Manufacturer's (ARPM) recommendations and be inspected regularly (before each use) to ensure that they are not damaged or have become loose. Visit ARPMINC.com for more information.

Where safety devices are integral to the coupling, they must be working and utilized. The use of supplementary safety devices such as safety clips or safety cables are recommended.

If any problem is detected, couplings must be removed from service immediately.



Notes

This image shows a full page of blank, lined paper. It features approximately 30 evenly spaced horizontal blue or grey lines across its entire width. The lines are uniform in thickness and spacing, providing a guide for writing. There are no margins, text, or other markings on the page.



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