Application Data

Important Safety Information

Read this page before using any of the information in this catalog.

This catalog is designed to be used as a guide in selecting the proper hose for the applications listed herein. It contains many cautions, warnings, guidelines, and directions for the safe and proper use of Boston hose. All these directions and footnotes should be read and understood before specifying or using any of these hoses.

Throughout this catalog, potentially harmful situations are highlighted with the following symbols.

This symbol is used to indicate imminently hazardous situations which, if not avoided, will result in serious injury or death.

This symbol is used to indicate potentially hazardous situations which, if not avoided, could result in serious injury or death.

This symbol is used to indicate potentially hazardous situations which, if not avoided, may result in property or equipment damage.

Some of the most common problems in the chemical hose industry result from improper hose and coupling

selection, improper assembly techniques, failure to correctly inspect and test hose assemblies, and improper cleaning practices and hose assembly storage techniques.

In turn, these situations can lead to material leakage, spraying, spattering, end blow-offs, explosions, and other situations that may result in serious personal injury and property damage.

Personal injuries caused by improper hose assembly specification, installation, and usage could include cuts and abrasions, serious burns, irreparable eye damage, or even death. Therefore, for your safety and the safety of others working around you, Eaton strongly urges you to read and comply with all safety information printed in this publication.

warning: Failure to properly follow the manufacturer's recommended procedures for the care, maintenance and storage of a particular hose may result in its failure to perform in the manner intended and may result in serious injury, death, and damage to property.

warning: Testing can be dangerous and should be done only by trained personnel using proper tools and procedures. Failure to follow such procedures might result in serious injury, death, or damage to property.

Consult the coupling manufacturer to make sure you choose the correct coupling and proper assembly for the application, or contact Eaton Technical Support.

Before using any hoses in this catalog, consult the safety section in this catalog, and Chemical Compatibility Chart on page 21 or Boston Hose Chemical Resistance Guidelines. If you do not have the most recent copy, contact Eaton Customer Support at 1-888-258-0222.

Selection of Hose

Selection of the proper Boston hose for an application is essential to the proper operation and safe use of the hose and related equipment. Inappropriate hose selection may result in hose leakage, bursting, or other failure which may cause serious bodily injury or property damage from spraying fluids or flying projectiles. To avoid serious bodily injury or property damage resulting from selection of the wrong hose, you should carefully review the information in this catalog. Some of the factors to consider in proper hose selection are:

- hose size
- · hose length
- hose ends
- fluid conveyed
- bends
- temperature
- hose pressure
- static head pressure
- installation design

These factors and the supplemental information contained in this catalog should be considered in selecting the proper hose for your application. If you have any questions regarding the proper hose for your application, please contact Eaton at 1-888-258-0222.

Application Data

Important Safety Information

Proper Selection of Hose Ends

Selection of the proper Boston hose end or coupling is essential to the proper operation and safe use of hose assemblies and related equipment. Inadequate attention to the selection of the end fittings may result in hose leakage, bursting, or other failure which may cause serious bodily injury or property damage from spraying fluids or flying projectiles. In order to avoid serious bodily injury or property damage resulting from selection of an incompatible hose end or coupling, you should carefully review the information in this catalog. Some of the factors which are involved in the selection of the proper hose couplings

- fluid compatibility
- temperature
- installation design
- hose size
- corrosion requirements
- fluid conveyed

The given hose and hose end selection factors and the other information contained in this catalog should be considered by you in selecting the proper hose end fitting for your application.

If you have any questions regarding the use of hose/hose ends, please contact Eaton Technical Support at 1-888-258-0222.

Hose Installation

Proper installation is essential to the proper operation and safe use of the hose assembly and related equipment.

Improper hose assembly installation may result in serious injury or property damage caused by spraying fluids or flying projectiles. In order to avoid serious bodily injury or property damage resulting from improper hose assembly installation carefully review the information in this catalog. Some of the factors to be considered when installing a hose assembly are:

- hose elongation or contraction
- proper bend radius/hose routing under pressure
- elbows and adapters to relieve strain
- protection from rubbing or abrasion high temperature sources
- protection against excessive movement
- twisting from pressure spikes/surges

These hose assembly installation factors and the other information in this catalog should be considered by you before installing the hose assembly. If you have any questions regarding proper hose installation, please contact Eaton Technical Support at 1-888-258-0222.

Hose Maintenance

Proper maintenance of the hose is essential to the safe use of the hose and related equipment. Hose should be stored in a dry place. Hose should also be visually inspected. Any hose that has a cut or gouge in the cover that exposes the reinforcement should be retired from service. Hoses should also be inspected for kinking or broken reinforcement. If the outside diameter of the hose is reduced by 20% or more, the hose should be repaired or removed from service. Inadequate attention to hose maintenance may result in hose leakage, bursting, or other failure which may cause serious bodily injury or property damage from spraying fluids, flying projectiles, or other substances.

Coll-O-Crimp Hose, Hose Ends and Assembly Equipment Compatibility

The Coll-O-Crimp Equipment Package, Coll-O-Crimp Hose Ends and Coll-O-Crimp Hose have been engineered and designed as a complete hose assembly system. Each component of the Coll-O-Crimp hose assembly system is compatible with other Coll-O-Crimp components to which it relates. Component compatibility, along with the use of quality components, insures the production of reliable hose assemblies when assembled properly. The use or intermixing of fittings and hose not specifically engineered and designed for use with each other and Coll-O-Crimp equipment is not recommended and may result in the production of unsafe or unreliable hose assemblies. This can result in hose assembly leakage, hose separation or other failures which can cause serious bodily injury or property damage from spraying fluids, flying projectiles, or other substances.

Hose End & Tool Selector Chart

Coll-O-Crimp Hose, Hose **Fittings and Assembly Equipment Compatibility:** The Coll-O-Crimp equipment package, Coll-O-Crimp end fittings, and Coll-O-Crimp hose have been engineered and designed as a complete hose assembly system. Each component of the Coll-O-Crimp hose assembly system is compatible with other Coll-O-Crimp components to which it relates. Component compatibility, along with the use of quality components, insures the production of reliable hose assemblies when assembled properly. The use or intermixing of fittings and hose not specifically engineered and designed for use with eachother and **Coll-O-Crimp equipment is** not recommended and may result in the production of unsafe or unreliable hose assemblies. This can result in hose assembly leakage, hose separation or other failures which can cause serious bodily injury or property

damage from spraying fluids, flying projectiles, or other substances. The Eaton warranty is limited to apply only when Coll-O-Crimp end fittings and compatible Coll-O-Crimp hose are used with Coll-O-Crimp assembly equipment.

Proper Selection of Hose Ends: Selection of the proper end fittings for the hose end application is essential to the proper operation and safe use of the hose and related equipment.

Inadequate attention to the selection of the end fittings for your application can result in leaking or the hose ends blowing off the hose, leading to serious bodily injury or property damage. In order to avoid serious bodily injury or property damage resulting from selection of the wrong end fitting, you should carefully review the information in this catalog.

Nominal Crimp Diameter Measurement:

Measuring crimp diameters should be a part of the normal hose assembly procedure. To insure a proper crimp diameter reading, follow these steps:

- 1. Measure the diameter in the middle of crimped portion of the hose end.
- Place the caliper in a position to allow a measurement across the pressed (flat) portion of the crimp.
- 3. See crimp diameters on following chart.

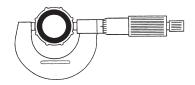
Note:

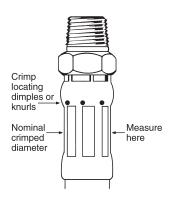
In larger sizes, calipers may be used; however, in smaller sizes, and in the 'E' Series thermoplastic hose ends, a point micrometer will provide an accurate reading.

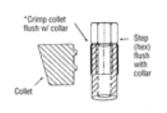
Nominal crimp diameters are for Boston hose and end fittings when crimped with Boston Coll-O-Crimp tooling.

Note:

When crimping 229 'P', 265 'P', 338 'P' and 757 'E' Series hose ends, align top surface of collet as shown.







HOSE TYPE	HOSE TYPE	HOSE I.D. (IN.)	SKIVE TOOL	HOSE END PREFIX	COLLET NUMBER	SPACEF COLOR		NOMINAL CRIMP DIA.
H037732	Kelly Power	2	N/R	43032 'U'	T-410-9N	N/R	N/R	2.897
H10506	Bosflex 300 (RD)	3/8	N/R	06 'U'	T-400-3C	Black	Up	.788
H10508	Bosflex 300 (RD)	1/2	N/R	08 'U'	T-400-4C	Silver	Up	.940
H10512	Bosflex 225 (RD)	3/4	N/R	12 'U'	T-400-5C	Silver	Up	1.232
H10516	Bosflex 300 (RD)	1	N/R	16 'U'	T-400-6C	Silver	Up	1.522
H10604	Bosflex 200 (RD, BK)	1/4	N/R	04 'U'	T-400-2C	Black	DN	.560

N/R = Not Required

For wall mounting and in-shop area reference, order: Hose End & Tool Selector Wall Chart W-HOOV-MG002-E.

Hose End & Tool Selector Chart

HOSE TYPE	HOSE TYPE	HOSE I.D. (IN.)	SKIVE TOOL	HOSE END PREFIX	COLLET NUMBER	SPACER RING COLOR SIDE	NOMINAL CRIMP DIA.
H10606	Bosflex 200 (RD, BK)	3/8	N/R	06 'U'	T-400-3C	Yellow Up	.755
H10608	Bosflex 200 (RD, BK)	1/2	N/R	08 'U'	T-400-4C	Black Up	.910
H10510	Bosflex 200 (RD)	5/8	N/R	10 'U'	T-400-64C	Black Up	1.040
H10510	Bosflex 200 (BK)	5/8	N/R	10 'U'	T-400-64C	Yellow Up	1.010
H10512	Bosflex 200 (RD, BK)	3/4	N/R	12 'U'	T-400-5C	Silver Up	1.230
H10516	Bosflex 200 (BK)	1	N/R	16 'U'	T-400-6C	Silver Up	1.515
H10520	Bosflex 200 (BK)	1-1/4	N/R	20 'U'	T-400-12	Black Up	1.835
H106612	Creamery/Packing	3/4	N/R	12 'U'	T-400-5C	Silver Up	1.230
H11504	Performer II (2 Br)	1/4	N/R	04 'U'	T-400-2C	Black Up	.610
H11506	Performer II (2 Br)	3/8	N/R	06 'U'	T-400-3C	Black Up	.788
H11508	Performer II (2 Br)	1/2	N/R	08 'U'	T-400-4C	Silver Up	.940
H11512	Performer II (2 Br)	3/4	N/R	12 'U'	T-400-5C	Silver Up	1.225
H11516	Performer II (2 Br)	1	N/R	16 'U'	T-400-6C	Silver Up	1.522
H11520	Performer II (2 Br)	1-1/4	N/R	20 'U'	T-400-12	Silver Up	1.862
H11524	Performer II (2 Br)	1-1/2	N/R	43024 'U'	T-410-8N	N/R N/R	2.285
H11604	Performer II (1 Br)	1/4	N/R	04 'U'	T-400-2C	Black DN.	560
H11606	Performer II (1 Br)	3/8	N/R	06 'U'	T-400-3C	Yellow Up	.745
H11608	Performer II (1 Br)	1/2	N/R	08 'U'	T-400-4C	Silver Up	.875
H157112	Mineforce	3/4	N/R	12 'U'	T-400-5C	Yellow DN	1.164
H177704	Perfection 300	1/4	N/R	04 'U'	T-400-2C	Yellow Up	.575
H177604	Perfection 300	1/4	N/R	04 'U'	T-400-2C	Silver Up	.635
H177706	Perfection 300	3/8	N/R	06 'U'	T-400-3C	Black DN	.730
H177606	Perfection 300	3/8	N/R	06 'U'	T-400-3C	Silver Up	.810
H177708	Perfection 300	1/2	N/R	08 'U'	T-400-4C	Yellow Up	.880
H177608	Perfection 300	1/2	N/R	08 'U'	T-400-4C	Silver Up	.940
H177610	Perfection 300	5/8	N/R	10 'U'	T-400-64C	Black Up	1.040
H177612	Perfection 300	3/4	N/R	12 'U'	T-400-5C	Silver Up	1.230
H177616	Perfection 300	1	N/R	16 'U'	T-400-6C	Silver Up	1.515
H177620	Perfection 300	1-1/4	N/R	20 'U'	T-400-12	Black Up	1.840
H177624	Perfection 300	1-1/2	N/R	43024 'U'	T-410-8N	N/R N/R	2.285
H181204	Industrial A/W	1/4	N/R	04 'U'	T-400-2C	Yellow Up	.575
H181206	Industrial A/W	3/8	N/R	06 'U'	T-400-3C	Black Up	.790
H181208	Industrial A/W	1/2	N/R	08 'U'	T-400-4C	Silver Up	.935
H181210	Industrial A/W	5/8	N/R	10 'U'	T-400-64C	Black Up	1.040
H181212	Industrial A/W	3/4	N/R	12 'U'	T-400-5C	Silver Up	1.230
H181216	Industrial A/W	1	N/R	16 'U'	T-400-6C	Silver Up	1.515
H181220	Industrial A/W	1-1/4	N/R	20 'U'	T-400-12	Black Up	1.835
H181224	Industrial A/W	1-1/2	N/R	43024 'U'	T-410-8N	N/R N/R	2.265
H194104	Nyall (RD,BK)	1/4	N/R	04 'U'	T-400-2C	Black DN	.560
H194105	Nyall (BK)	5/16	N/R	05 'E'	T-400-32C	Yellow Up	.560
H194106	Nyall (RD,BK)	3/8	N/R	06 'U'	T-400-3C	Black DN	.730
H194108	Nyall (RD)	1/2	N/R	08 'U'	T-400-4C	Green Up	.820
H194208	Nyall (RD,BK)	1/2	N/R	08 'U'	T-400-4C	Black Up	.910
H194212	Nyall (RD)	3/4	N/R	12 'U'	T-400-5C	Black Up	1.205
H194216	Nyall (RD)	1	N/R	16 'U'	T-400-6C	Silver Up	1.520
H198104	Marathoner (RD)	1/4	N/R	04 'U'	T-400-2C	Black DN	.560
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N/R = Not Required

For wall mounting and in-shop area reference, order: Hose End & Tool Selector Wall Chart W-H00V-MG002-E.

Hose End & Tool Selector Chart

HOSE TYPE	HOSE TYPE	HOSE I.D. (IN.)	SKIVE TOOL	HOSE END PREFIX	COLLET NUMBER	SPACER RING COLOR SIDE	NOMINAL CRIMP DIA.
H198106	Marathoner (RD)	3/8	N/R	06 'U'	T-400-3C	Yellow Up	.750
H198206	Marathoner (RD,GR,YW)	3/8	N/R	06 'U'	T-400-3C	Silver Up	.805
H198306	Marathoner (BK)	3/8	N/R	06 'U'	T-400-3C	Black Up	.785
H198108	Marathoner (RD)	1/2	N/R	08 'U'	T-400-4C	Black Up	.910
H198208	Marathoner (BK,RD,GR,YW)	1/2	N/R	08 'U'	T-400-4C	Silver Up	.940
H198210	Marathoner (RD)	5/8	N/R	10 'U'	T-400-64C	Black Up	1.040
H198212	Marathoner (BK,RD,GR,YW)	3/4	N/R	12 'U'	T-400-5C	Silver Up	1.230
H198216	Marathoner (RD)	1	N/R	16 'U'	T-400-6C	Silver Up	1.515
H26504	Ultraforce	1/4	N/R	26504 'P'	T-400-2C	Green Up.	520
H26506	Ultraforce	3/8 3/8	N/R N/R	06 'E' 26506 'P'	T-400-33C T-400-2C	Black Up Silver Up	.660 .640
H26508	Ultraforce	1/2 1/2	N/R N/R	08 'E' 26508 'P'	T-400-34C T-400-3C	Black Up Black Up	.810 .788
H26512	Ultraforce	3/4 3/4	N/R N/R	12 'E' 26512 'P'	T-400-35C T-400-64C	Black Up Silver Up	1.090 1.070
H26516	Ultraforce	1	N/R	16 'E'	T-400-36C	Black Up	1.340
H27504	Polyforce II	1/4	N/R	26504 'P'	T-400-2C	Green Up	.520
H27506	Polyforce II	3/8 3/8	N/R N/R	06 'E' 26506 'P'	T-400-33C T-400-2C	Black Up Silver Up	.660 .640
H27508	Polyforce II	1/2 1/2	N/R N/R	08 'E' 26508 'P'	T-400-34C T-400-3C	Black Up Black Up	.810 .788
H27512	Polyforce II	3/4 3/4	N/R N/R	12 'E' 26512 'P'	T-400-35C T-400-64C	Black Up Silver Up	1.090 1.070
H27516	Polyforce II	1	N/R	16 'E'	T-400-36C	Black Up	1.340
H28504	Clearforce	1/4 1/4	N/R N/R	04 'E' 26504 'P'	T-400-31C T-400-2C	Black Up Green Up	.500 .520
H28505	Clearforce	5/16	N/R	05 'E'	T-400-32C	Black Up	.595
H28506	Clearforce	3/8 3/8	N/R N/R	06 'E' 26506 'P'	T-400-33C T-400-2C	Black Up Silver Up	.660 .640
H28508	Clearforce	1/2 1/2	N/R N/R	08 'E' 26508 'P'	T-400-34C T-400-3C	Black Up Black Up	.810 .788
H28512	Clearforce	3/4 3/4	N/R N/R	12 'E' 26512 'P'	T-400-35C T-400-64C	Black Up Silver Up	1.090 1.070
H28516	Clearforce	1	N/R	16 'E'	T-400-36C	Black Up	1.340

N/R = Not Required

For wall mounting and in-shop area reference, order: Hose End & Tool Selector Wall Chart W-HOOV-MG002-E.

Hose End & Tool Selector Chart

HOSE TYPE	HOSE TYPE	HOSE I.D. (IN.)	SKIVE TOOL	HOSE END PREFIX	COLLET NUMBER	SPACER COLOR		NOMINAL CRIMP DIA.
H34504	Pressure Washer	1/4	N/R	04 'M'	T-400-109C	Yellow	Up	.630
H34506	Pressure Washer	3/8	N/R	06 'M'	T-400-110C	Yellow	Up	.765
H34508	Pressure Washer	1/2	N/R	08 'M'	T-400-111C	Yellow	DN	.915
H600208	Concord Air	1/2	N/R	08 'U'	T-400-4C	Silver	Up	.940
H600212	Concord Air	3/4	N/R	12 'U'	T-400-5C	Silver	Up	1.230
H600216	Concord Air	1	N/R	16 'U'	T-400-6C	Silver	Up	1.515
H600220	Concord Air	1-1/4	N/R	20 'U'	T-400-12	Yellow	DN	1.895
H600224	Concord Air	1-1/2	N/R	43024 'U'	T-410-8N	Orange	Up	2.230
H600232	Concord Air	2	N/R	43032 'U'	T-410-9N	N/R	N/R	2.890
H600808	Concord Yellow Jack	1/2	N/R	43008 'U'	T-605-FP26	N/R	N/R	1.160
H600812	Concord Yellow Jack	3/4	N/R	43012 'U'	T-605-FP34	N/R	N/R	1.390
H600816	Concord Yellow Jack	1 1	N/R N/R	43016 'U' 43016 'U'	T-410-6CN T-420-6CN		Up Up	1.670 1.670
H600820	Concord Yellow Jack	1-1/4	N/R	43020 'U'	T-605-FP39	N/R	N/R	1.930
H600824	Concord Yellow Jack	1-1/2	N/R	43024 'U'	T-410-8N	N/R	N/R	2.285
H600832	Concord Yellow Jack	2	N/R	43032 'U'	T-410-9N	Orange	Up	2.860
H600920	Bulldog Gold	1-1/4 1-1/4	N/R N/R	43020 'U' 43020 'U'	T-410-7CN T-420-7CN		Up Up	2.000 2.000
H600924	Bulldog Gold	1-1/2	N/R	43024 'U'	T-410-8N	White	Up	2.330
H600932	Bulldog Gold	2	N/R	43032 'U'	T-410-9N	N/R	N/R	2.905
H602708	200 LL Steam	1/2	N/R	Wolf Series	T-410-4CN	N/R	N/R	1.160
H602712	200 LL Steam	3/4	N/R	Wolf Series	T-410-72CN	N/R	N/R	1.400
H881108	Nitrogen Service	1/2	N/R	08 'U'	T-400-4C	Silver	Up	.940
H881112	Nitrogen Service	3/4	N/R	12 'U'	T-400-5C	Silver	Up	1.230
H90004	Black Line	1/4	N/R	'U'	T-400-2C	Black	Up	.610
H90006	Black Line	3/8	N/R	'U'	T-400-3C	Black	Up	.784
H90008	Black Line	1/2	N/R	'U'	T-400-4C	Silver	Up	.940
H90012	Black Line	3/4	N/R	'U'	T-400-5C	Silver	Up	1.235
H90016	Black Line	1	N/R	'U'	T-400-6C	Silver	Up	1.518
H956808	Concord 250	1/2	N/R	Wolf Series	T-605-FP30	N/R	N/R	1.220
H956812	Concord 250	3/4 3/4	N/R N/R	Wolf Series Wolf Series	T-410-72CN T-605-FP34		Up N/R	1.510 1.510
H956816	Concord 250	1 1	N/R N/R	Wolf Series Wolf Series	T-410-73CN T-605-FP39		N/R N/R	1.710 1.710

N/R = Not Required

For wall mounting and in-shop area reference, order: Hose End & Tool Selector Wall Chart W-H00V-MG002-E.

Hose End & Tool Selector Chart

HOSE TYPE	HOSE TYPE	HOSE I.D. (IN.)	SKIVE TOOL	HOSE END PREFIX	COLLET NUMBER	SPACER RING COLOR SIDE	NOMINAL CRIMP DIA.
H960316	Hot Tar Pumping	1 1	N/R N/R	Wolf Series Wolf Series	T-410-73CN T-605-FP39	N/R N/R N/R N/R	1.710 1.710
H961006	Washdown 1000 (GY,YW)	3/8 3/8	N/R N/R	06 'U' 06 'M'	T-400-3C T-400-110C	Black DN Black Up	.735 .805
H961008	Washdown 1000 (GY,YW)	1/2 1/2	N/R N/R	08 'U' 08 'M'	T-400-4C T-400-111C	Black DN Yellow Up	.862 .940
H961012	Washdown 1000 (YW)	3/4 3/4 3/4	N/R N/R N/R	12 'U' 43012 'U' 43012 'U'	T-400-5C T-410-5CN T-420-5CN	Yellow Up N/R N/R N/R N/R	1.170 1.410 1.410
H962208	Contractors Air	1/2 1/2	N/R N/R	43008 'U' 43008 'U'	T-410-4CN T-420-4CN	Orange Up Orange Up	1.115 1.115
H962212	Contractors Air	3/4 3/4	N/R N/R	43012 'U' 43012 'U'	T-410-5CN T-420-5CN	Orange Up Orange Up	1.370 1.370
H962216	Contractors Air	1 1	N/R N/R	43016 'U' 43016 'U'	T-410-6CN T-420-6CN	Orange Up Orange Up	1.665 1.665
H962220	Contractors Air	1-1/4 1-1/4	N/R N/R	43020 'U' 43020 'U'	T-410-7CN T-420-7CN	Orange Up Orange Up	1.985 1.985
H962224	Contractors Air	1-1/2	N/R	43024 'U'	T-410-8N	N/R N/R	2.235
H962232	Contractors Air	2	N/R	43032 'U'	T-410-9N	N/R N/R	2.900
H967306	Washdown 1250	3/8	N/R	06 'U'	T-400-3C	Black DN	.735
H967308	Washdown 1250	1/2	N/R	08 'U'	T-400-4C	Yellow Up	.880
H967312	Washdown 1250	3/4	N/R	12 'U'	T-400-5C	Black Up	1.208
H969012	Hydrocarbon Drain	3/4 3/4	N/R N/R	Wolf Series Wolf Series	T-410-72CN T-605-FP34	N/R N/R N/R N/R	1.460 1.460
H994904	Shock Safe	1/4	N/R	04 'U'	T-400-2C	Silver Up	.635
H994906	Shock Safe	3/8	N/R	06 'U'	T-400-3C	Black Up	.785
H994908	Shock Safe	1/2	N/R	08 'U'	T-400-4C	Silver Up	.935
H994912	Shock Safe	3/4	N/R	12 'U'	T-400-5C	Silver Up	1.230
H994916	Shock Safe	1	N/R	16 'U'	T-400-6C	Black Up	1.490

CODE COLOR KEY USED ON COLL-O-CRIMP PRESS

White	T-400-1, T-400-17, T-407, T-410-1*, T-420-1*, T-440-1*, T460-1, T-462-1, T-465-1, T480-1*.
Blue	T420-1, T-480-1• ONLY!
Black	T-410-1 & T-440-1 ONLY!
Gray	T-605VS ONLY!

N/R = Not Required

For wall mounting and in-shop area reference, order: Hose End & Tool Selector Wall Chart W-HOOV-MG002-E.

^{* =} When Crimping on T-420-1 & T-480-1, Use Adapter Die Ring T-420-25 with T-400 Collets and Spacer Ring Shown in Chart.

^{• =} Use T-480-68 Blue Pusher Extension Ring.

^{◆ =} When Crimping on T-410-1 & T-440-1, Use Adapter Die Ring T-410-25 with T-400 Collets and T-410 Spacer Rings.