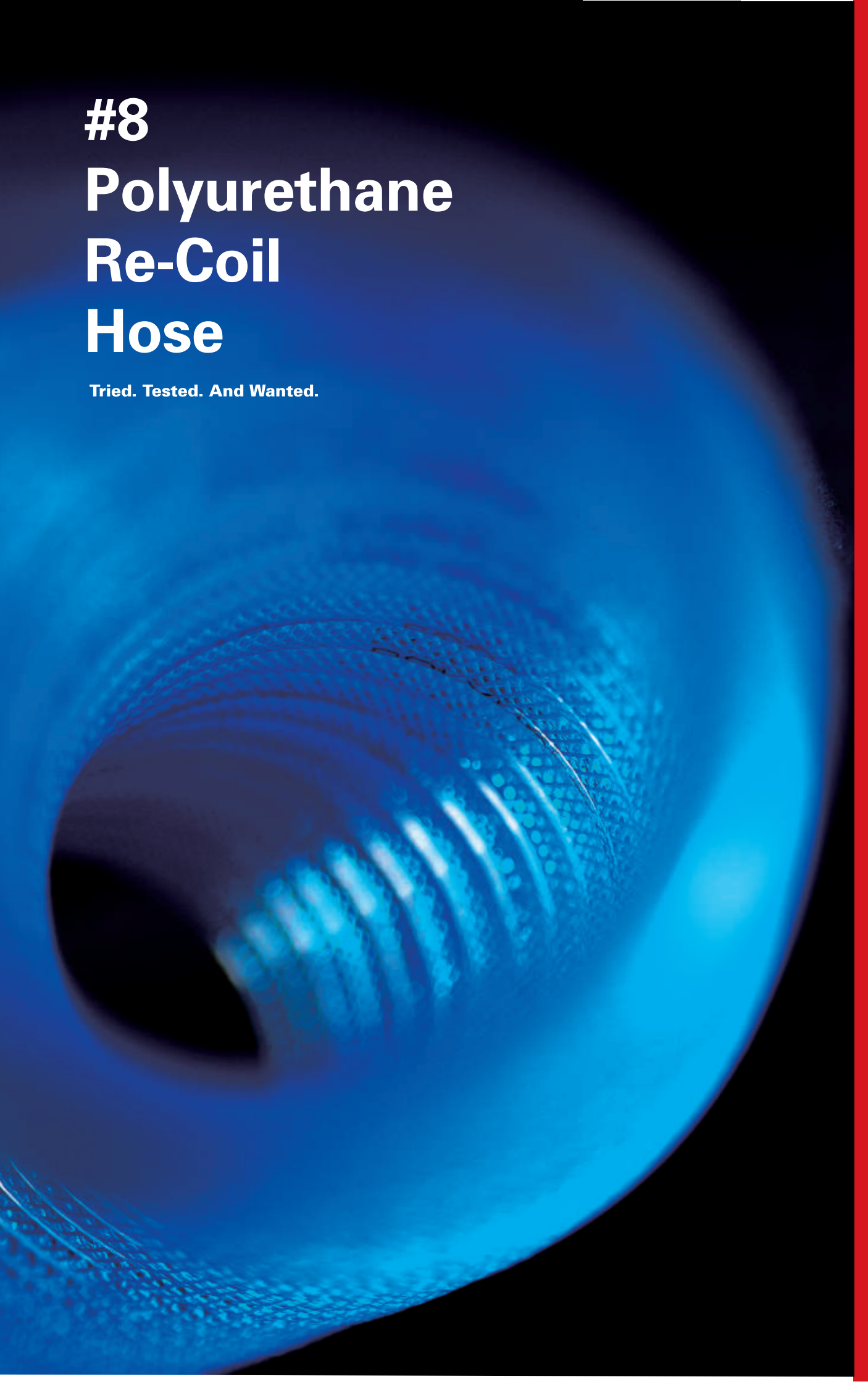


#8

**Polyurethane
Re-Coil
Hose**

Tried. Tested. And Wanted.



PRODUCT DESCRIPTION

TOUGH FROM THE INSIDE OUT

Polyurethane is one tough plastic, used in everything from skate board wheels to auto bumpers. Our Polyurethane retractable hoses are the ideal choice for tough and challenging air tool hose requirements.

EXCEPTIONAL WEAR AND KINK RESISTANT

You can cut a COIL hose with a sharp knife but it is at least 10 times more tear resistant than other hoses.
Most oils and fuels will not affect the COIL.
Almost impossible to permanently kink COIL hose.
Resists everyday abuse without leaving a dent.
Spring guards are not required.

RECOIL THAT LASTS AND LASTS

Put our COIL to the test. Stretch it out to full length, give it another strong pull and then release.
Watch the COIL recoil right back. It regains its memory immediately.
The COIL has a memory that you can depend on.

FITTINGS REPLACEMENT MADE EASY

SHPI polyurethane tubing is available with your choice of fittings. Our exclusive reusable brass fittings let you make changes on the spot. Where fitting replacement is not anticipated, economical factory installed brass barb fittings come with pressed sleeves for secure fit and a compact connection.
All of our swivel fittings come with factory applied thread sealant, eliminating the need for Teflon Tape or additional sealing compound. You get a dependable leak-tight seal which is resistant to vibration loosening.

REUSABLE FITTING DESCRIPTION

A simple two piece design that does not require special tube inserts or compression sleeves. They are very easy to install and recommended for field replacement. All swivel fittings have pre-applied thread sealant. Swivel fittings are NOT designed to withstand heavy-impact loads from impact tools. A rigid fitting is recommended to use on the tool end during rigorous work applications.

BARB & STRAIN RELIEF FITTING DESCRIPTION

Oversize multi-barb fittings are designed specifically for polyurethane hoses, and are secured to the hose with a special plastic sleeve that serves as both a clamp and a strain relief.
They are the most economical choice,
but our Oversize multi-barb fittings are not easily replaced in the field.

COIL...A TANGLE-FREE DEAL

And while it's tough, it's also light and flexible, easier for people to use and less fatiguing.
COIL tubing is designed with three kinds of integral tails for tangle free tool operation.
The elastic properties of COIL are superior.
The working length is approximately 80% - 90% of the hose length.
A small coil diameter makes compact storage.

ORDER & PACKAGING

PLACING AN ORDER OR REQUEST

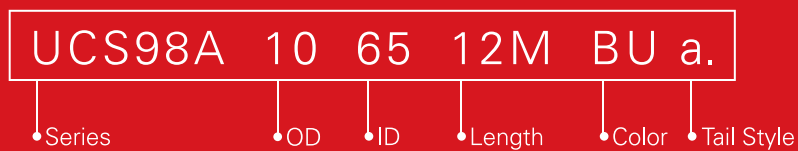
Specifying Standard Items:

Please specify the following:

1. Series(Item) Number
2. OD. Size
3. ID. Size
4. Tube length (Please specify Metric/Imperial)
5. Color

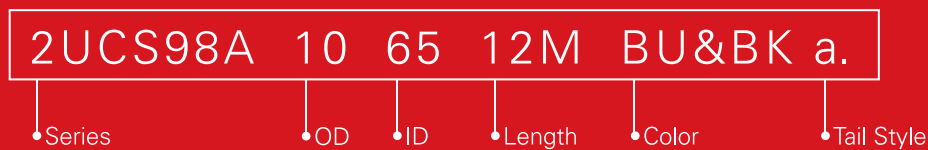
Polyurethane Re-Coil Hose Example of a request

12M of 10 x 6.5 blue 98A Polyurethane Re- Coil Hose with "a" Tail Style

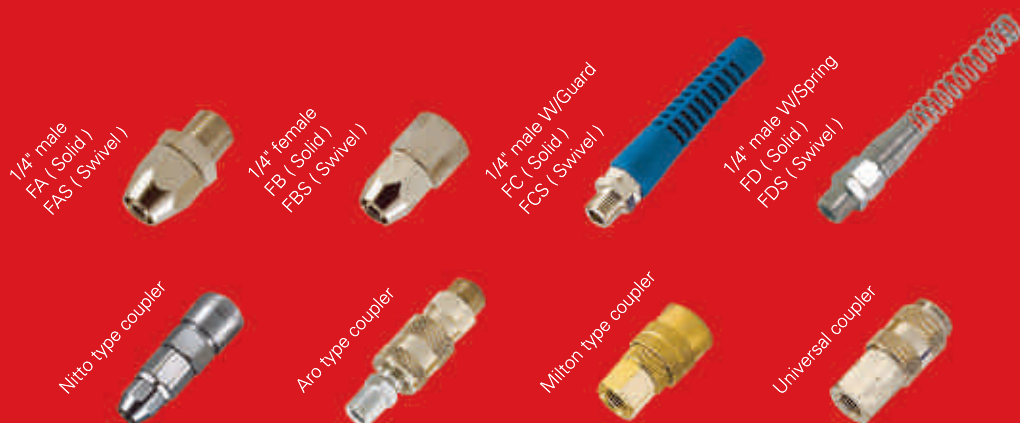


Polyurethane Re-Coil Twin Hose Example of a request

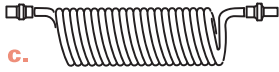
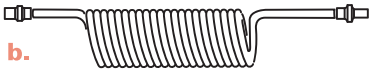
12M of 10 x 6.5 blue& black 98A Polyurethane Re- Coil Twin Hose with "a" Tail Style



AVAILABLE FITTING FOR POLYURETHANE RE- COIL & BRAID RE-COIL HOSE



TAIL STYLE



PACKAGING

TYPE



Color Box



Clam Shell



Shrink



Plastic Bag

** Other sizes, colors, printing, length and package option may be available*

POLYURETHANE RE- COIL HOSE 98A

Series

UCS 98A Polyurethane Ester base,
Shore A 98 ± 2

Temperature Range

-20°C ~ 70°C / -4°F ~ 158°F

Working Length

80%~90 % of material length

Working Pressure

3 to 1 safety factor
Working Pressure at elevated temperature
please refer page 98

Standard color

BU. Blue / **OR.** Orange / **R.** Red /

Y. Yellow

METRIC SIZE

PART NUMBER	HOSE OD (mm)	HOSE ID (mm)	WORKING PRESSURE AT 23°C (kg/cm ²)	BURST PRESSURE AT 23°C (kg/cm ²)	COIL ID (mm)	MATERIAL LENGTH (m)
UCS98A80505	8.0	5.0	12	36	22 or 35	5
UCS98A80508	8.0	5.0	12	36	22 or 35	8
UCS98A805012	8.0	5.0	12	36	38	12
UCS98A805015	8.0	5.0	12	36	38	15
UCS98A10656	10.0	6.5	9	27	50	6
UCS98A10658	10.0	6.5	9	27	50	8
UCS98A106510	10.0	6.5	9	27	50	10
UCS98A106512	10.0	6.5	9	27	50	12
UCS98A12806	12.0	8.0	10	30	60	6
UCS98A12808	12.0	8.0	10	30	60	8
UCS98A128010	12.0	8.0	10	30	60	10
UCS98A128012	12.0	8.0	10	30	60	12

INCH SIZE

PART NUMBER	HOSE OD (inch)	HOSE ID (inch)	WORKING PRESSURE AT 75°F (psi)	BURST PRESSURE AT 75°F (psi)	COIL ID (inch)	MATERIAL LENGTH (ft)
UCS98A1416015	1/4"	.160	143	430	1	15
UCS98A1416025	1/4"	.160	143	430	1	25
UCS98A1416030	1/4"	.160	143	430	1	30
UCS98A1416050	1/4"	.160	143	430	1	50
UCS98A382515	3/8"	.250	132	396	2	15
UCS98A382525	3/8"	.250	132	396	2	25
UCS98A382530	3/8"	.250	132	396	2	30
UCS98A382550	3/8"	.250	132	396	2	50
UCS98A91637515	9/16"	.375	143	430	2.5	15
UCS98A91637525	9/16"	.375	143	430	2.5	25
UCS98A91637530	9/16"	.375	143	430	2.5	30
UCS98A91637550	9/16"	.375	143	430	2.5	50

**Other sizes, colors, printing, length and package option may be available.*

POLYURETHANE RE- COIL TWIN HOSE 98A

Series

2UCS 98A Polyurethane Ester base,
Shore A 98 ± 2

Temperature Range

-20°C ~ 70°C / -4°F ~ 158°F

Working Length

60%~ 70% of material length

Working Pressure

3 to 1 safety factor
Working Pressure at elevated temperature
please refer page 98

Standard color

BU. Blue / **BK.** Black / **G.** Green /
R. Red / **Y.** Yellow

METRIC SIZE

PART NUMBER	HOSE OD (mm)	HOSE ID (mm)	WORKING PRESSURE AT 23°C (kg/cm ²)	BURST PRESSURE AT 23°C (kg/cm ²)	COIL ID (mm)	MATERIAL LENGTH (m)
2UCS98A80505	8.0	5.0	12	36	22 or 35	2.5
2UCS98A80508	8.0	5.0	12	36	22 or 35	4
2UCS98A805012	8.0	5.0	12	36	38	6
2UCS98A805015	8.0	5.0	12	36	38	7.5
2UCS98A10656	10.0	6.5	9	27	50	3
2UCS98A10658	10.0	6.5	9	27	50	4
2UCS98A106510	10.0	6.5	9	27	50	5
2UCS98A106512	10.0	6.5	9	27	50	6
2UCS98A12806	12.0	8.0	10	30	60	3
2UCS98A12808	12.0	8.0	10	30	60	4
2UCS98A128010	12.0	8.0	10	30	60	5
2UCS98A128012	12.0	8.0	10	30	60	6

INCH SIZE

PART NUMBER	HOSE OD (inch)	HOSE ID (inch)	WORKING PRESSURE AT 75°F (psi)	BURST PRESSURE AT 75°F (psi)	COIL ID (inch)	MATERIAL LENGTH (ft)
2UCS98A1416015	1/4"	.160	143	430	1	7.5
2UCS98A1416025	1/4"	.160	143	430	1	12.5
2UCS98A1416030	1/4"	.160	143	430	1	15
2UCS98A1416050	1/4"	.160	143	430	1	25
2UCS98A382515	3/8"	.250	132	396	2	7.5
2UCS98A382525	3/8"	.250	132	396	2	12.5
2UCS98A382530	3/8"	.250	132	396	2	15
2UCS98A382550	3/8"	.250	132	396	2	25
2UCS98A91637515	9/16"	.375	143	430	2.5	7.5
2UCS98A91637525	9/16"	.375	143	430	2.5	12.5
2UCS98A91637530	9/16"	.375	143	430	2.5	15
2UCS98A91637550	9/16"	.375	143	430	2.5	25

*Other sizes, colors, printing, length and package option may be available.

POLYURETHANE BRAID RE-COIL HOSE 98A

SHPI PU braid coils are the latest advanced generation of Polyurethane tubing. Working pressure capabilities are increased with the addition of tough polyester in-braid reinforcement. This new compound formulation provides the most amount of flexibility ever produced from an SHPI hose.

For heavy duty industry tool applications, we strongly recommend the use of a rigid fitting at the working end to assure a safer and more durable connection.

SHPI braid coil tubing can come in different lengths and fittings depending on individual customer needs.

Series

UBCS 98A Ester base, Shore A 98 ± 2

Working Pressure

4 to 1 safety factor

Temperature Range

-40°C ~ 70°C

-40°F ~ 158°F

Standard color

BU. Blue / **BK.** Black / **C.** Clear /

GY. Grey / **G.** Green / **OR.** Orange /

R. Red / **Y.** Yellow

Working Length:

70%~80% of material length

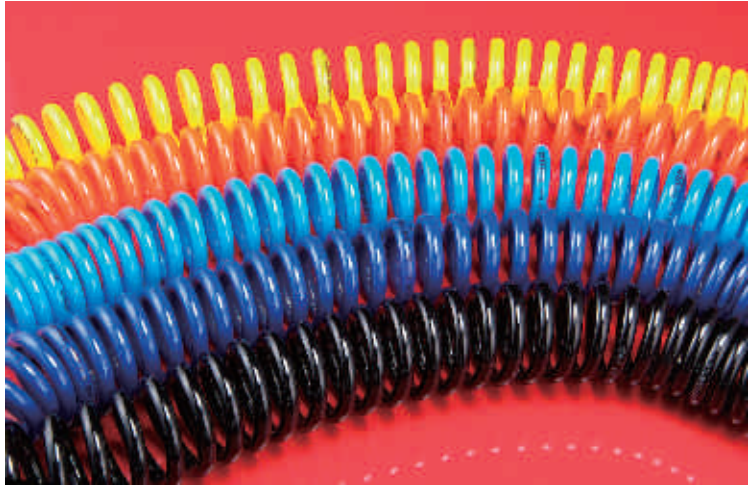
METRIC SIZE

PART NUMBER	ID (mm)	OD (mm)	TUBE ID (mm)	WORKING PRESSURE AT 23°C (kg/cm ²)	BURST PRESSURE AT 23°C (kg/cm ²)	PACKAGE LENGTH (m)
UBCS5080	5.0	8.0	35	15	60	6, 8, 10, 12, 15
UBCS6510	6.5	10.0	50	15	60	6, 8, 10, 12, 15
UBCS8012	8.0	12.0	60	15	60	6, 8, 10, 12, 15
UBCS85125	8.5	12.5	60	15	60	6, 8, 10, 12, 15
UBCS1015	10.0	15.0	76	15	60	6, 8, 10, 12, 15
UBCS1116	11.0	16.0	76	15	60	6, 8, 10, 12, 15

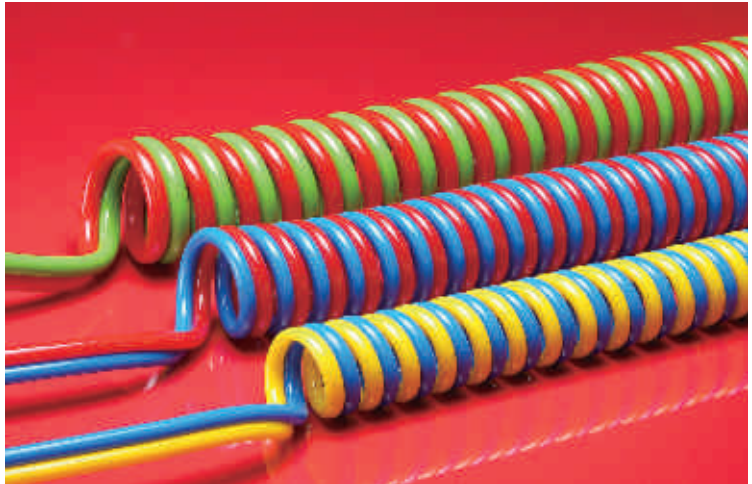
INCH SIZE

PART NUMBER	ID (inch)	OD (inch)	TUBE ID (inch)	WORKING PRESSURE AT 75°F (psi)	BURST PRESSURE AT 75°F (psi)	PACKAGE LENGTH (ft)
UBCS14375	1/4	.375	2	200	800	15, 25, 30, 50
UBCS38562	3/8	.562	3	200	800	15, 25, 30, 50
UBCS12732	1/2	.732	3	200	800	15, 25, 30, 50

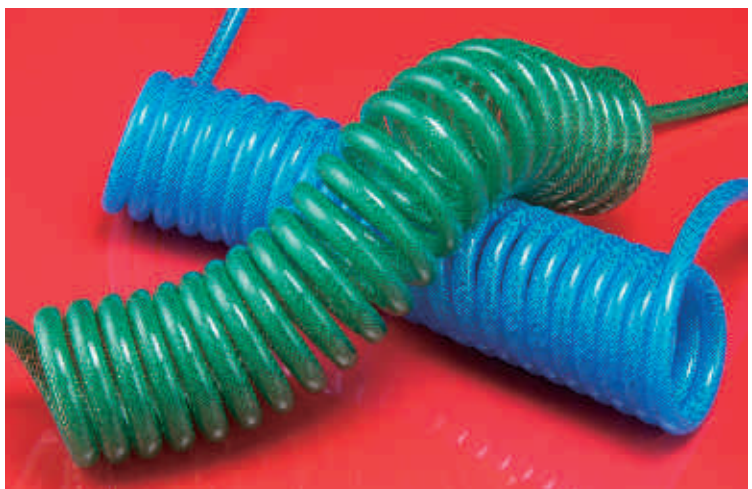
**Other sizes, colors, printing, length and package option may be available.*



Polyurethane Re- Coil Hose 98A



Polyurethane Re- Coil Twin Hose 98A



Polyurethane Braid Re-coil Hose 95A