



# Introducing Continental's New Thermoplastic Hose Program



## Hoses Designed for Mobile & Construction Equipment, Lube Lines, Blowout Preventers & Hydraulic Lifts

Our hoses are lightweight, flexible, non-conductive and come in twin-line versions where needed. Plus, every hose comes standard with our new X-Life™ thermoplastic cover technology for enhanced abrasion resistance.

**Your favorite hydraulic hoses have a new family!**

Legacy Family	New Family	2-pc Fittings	Dash Size					
			4	5	6	8	12	16
SR7	XR7	Stem	UC	UC	UC	UC	UC	UC
		Ferrule	UCTG	UCTG	UCTG	UCTG	UCTG	UCTG
NR7	XNR7	Stem	UC	UC	UC	UC	UC	UC
		Ferrule	UCTG	UCTG	UCTG	UCTG	UCTG	UCTG
TR7	XTR7	Stem	UC		UC	UC		
		Ferrule	UCTG		UCTG	UCTG		
BR7	XBR7	Stem	UC		UC	UC		
		Ferrule	UCTG		UCTG	UCTG		
SR8	XR8	Stem	UC		UC	UC		
		Ferrule	UCTG		UCTG	UCTG		
NR8	XNR8	Stem	UC		UC	UC		
		Ferrule	UCTG		UCTG	UCTG		
TR8	XTR8	Stem	UC		UC	UC		
		Ferrule	UCTG		UCTG	UCTG		
SR18	XR18	Stem	UC		UC	UC		
		Ferrule	UCTG		UCTG	UCTG18-08		

## Why You Should Use Our Thermoplastic Hoses

- Polyurethane or polyester based elastomers are highly resistant to abrasion
- Twin-line constructions available
- Non-conductivity options
- Thermoplastic hoses are flexible and lightweight: 30-50% lighter than conventional rubber hose
- Select products can withstand highly aggressive chemicals
- Reduced bend radii ensures easier routing in restricted or small areas

## Applications

### General Usage

- Machine tools requiring high protection hydraulic lines
- Construction and ag equipment requiring hydraulic lines for general usage
- Ag equipment including ag trailers needing slim hydraulic lines

### Lifting Equipment

- Scissor lifts benefit from our hoses' lightweight, bonded construction
- Hoses designed for cherry pickers & equipment with aerial mounted devices

### Mobile Equipment

- High-performance hoses for use on truck tail lifts and lift gates
- Forklift hoses that optimize performance in most applications
- Loading crane hoses for general hydraulic applications

## Connections Made Easy

Continental's CrimpIQ™ Controller is powered by Conti Fluid Solutions technology, which provides direct access to all crimping features and information. It supports a user-friendly interface to guide new and advanced users through the crimping process quickly and easily.

- 10" high-resolution touchscreen monitor
- Automatic crimp spec updates
- "Simple crimp" step approach
- Individual user preference settings
- Integrated calipers, either Bluetooth or USB, to automatically send crimp measurements
- Cloud backup
- Dynamic machine maintenance tracking



## X-Life™ XR7



Introducing our newly engineered X-Life™ Series! XR7 is a **medium-pressure, thermoplastic hydraulic hose**. Known for its flexibility and high abrasion resistance, this hose is compatible with petroleum, water, and synthetic-based fluids. Applications include mobile equipment, lube lines, blowout preventers, hydraulic lifts and construction machinery.

### Performance & Specs

Meets or exceeds the performance requirements of:

**SAE 100R7**

### Tube Material

Polyester

### Reinforcement

1 or 2 layers, braided synthetic fibers

### Cover Material

Polyurethane, pin-pricked (perforated)  
X-Life™ thermoplastic cover

### Temperature Range





-40°F to 100°F (-40°C to 93°C)

Note: limited to 70°C (158°F) for air and water based fluid

### Features & Benefits

 Reduced bend radius

 4:1 safety factor

Part Number	SAP #							Fitting	Weight	
		Hose ID	Hose OD	PSI	Mpa	in	mm			
		in	in	mm			in	mm	lbs per ft	
XR7-02	21151332	1/8	0.33	8.30	3,046	21.00	0.98	25.00	UCT	0.15
XR7-03	21151333	3/16	0.38	9.60	3,046	21.00	0.98	25.00	UCT	0.16
XR7-04	21151334	1/4	0.48	12.20	3,046	21.00	1.38	35.00	UC	0.17
XR7-05	21151335	5/16	0.56	14.30	2,756	19.00	1.77	45.00	UC	0.18
XR7-06	21151336	3/8	0.63	16.00	2,321	16.00	2.17	55.00	UC	0.19
XR7-08	21151337	1/2	0.80	20.30	2,031	14.00	2.95	75.00	UC	0.20
XR7-12	21151338	3/4	1.07	27.10	1,305	9.00	5.51	140.00	UC	0.21
XR7-16	21151339	1	1.34	34.00	1,015	7.00	7.48	190.00	UC	0.22

## X-Life™ XTR7



XTR7 is a **medium-pressure, twin-line thermoplastic hydraulic hose**. Known for its flexibility and high abrasion resistance, this hose is compatible with petroleum, water and synthetic-based fluids. Applications include mobile equipment, lube lines, blowout preventers, hydraulic lifts and construction machinery.

### Performance & Specs

Meets or exceeds the performance requirements of:

**SAE 100R7**

### Tube Material

Polyester

### Reinforcement

1 or 2 layers, braided synthetic fibers

### Cover Material





Polyurethane, pin-pricked (perforated)  
X-Life™ thermoplastic cover

### Temperature Range

-40°F to 200°F (-40°C to 93°C)  
Note: limited to 70°C (158°F) for air and water based fluid

### Features & Benefits

 4:1 safety factor

Part Number	SAP #							Fitting	Weight	
		Hose ID	Hose OD	Max. Working Pressure	Max. Working Pressure	Bend Radius	Bend Radius			
		in	in	mm	PSI	Mpa	in	mm	lbs per ft	
XTR7-04	21151347	1/4	0.48	12.20	3,046	21.00	1.38	35.00	UC	0.17
XTR7-06	21151348	3/8	0.63	16.00	2,321	16.00	2.17	55.00	UC	0.19
XTR7-08	21151349	1/2	0.80	20.30	2,031	14.00	2.95	75.00	UC	0.20

## X-Life™ XNR7



The XNR7 is a **medium-pressure, thermoplastic hydraulic hose**. Known for its non-conductive properties and high abrasion resistance, this hose is compatible with petroleum, water, and synthetic-based fluids. Applications include mobile equipment, lube lines, blowout preventers, hydraulic lifts and construction machinery requiring SAE 100R7 non-conductivity standards.

### Performance & Specs

Meets or exceeds the performance requirements of:

**SAE 100R7**

### Tube Material

Polyester

### Reinforcement

1 or 2 layers, braided synthetic fibers

### Cover Material

Polyurethane, non pin-pricked (perforated)  
X-Life™ thermoplastic cover

### Temperature Range

-40°F to 200°F (-40°C to 93°C)

Note: limited to 70°C (158°F) for air and water based fluid





### Features & Benefits



Non-conductive tube and cover



4:1 safety factor

Part Number	SAP #							Fitting	Weight	
		Hose ID	Hose OD	PSI	Mpa	in	mm			
		in	in	mm					lbs per ft	
XNR7-03	21151340	3/16	0.38	9.60	3,046	21.00	0.98	25.00	UCT	0.16
XNR7-04	21151341	1/4	0.48	12.20	3,046	21.00	1.38	35.00	UC	0.17
XNR7-05	21151342	5/16	0.56	14.30	2,756	19.00	1.77	45.00	UC	0.18
XNR7-06	21151343	3/8	0.63	16.00	2,321	16.00	2.17	55.00	UC	0.19
XNR7-08	21151344	1/2	0.80	20.30	2,031	14.00	2.95	75.00	UC	0.20
XNR7-12	21151345	3/4	1.07	27.10	1,305	9.00	5.51	140.00	UC	0.21
XNR7-16	21151346	1	1.34	34.00	1,015	7.00	7.48	190.00	UC	0.22

## X-Life™ XBR7



XBR7 is a **medium-pressure, twin-line thermoplastic hydraulic hose**. Known for its flexibility and high abrasion resistance, this hose is compatible with petroleum, water and synthetic-based fluids. Applications include mobile equipment, lube lines, blowout preventers, hydraulic lifts and construction machinery.

### Performance & Specs

Meets or exceeds the performance requirements of:

**SAE 100R7**

### Tube Material

Polyester

### Reinforcement

1 or 2 layers, braided synthetic fibers

### Cover Material

Polyurethane, non pin-pricked  
X-Life™ thermoplastic cover

### Temperature Range

-40°F to 200°F (-40°C to 93°C)

Note: limited to 70°C (158°F) for air and water based fluid





### Features & Benefits



Non-conductive tube and cover



4:1 safety factor

Part Number	SAP #							Fitting	Weight	
		Hose ID	Hose OD	PSI	Mpa	in	mm			
XBR7-04	21151350	1/4	0.48	12.20	3,046	21.00	1.38	35.00	UC	0.17
XBR7-06	21151351	3/8	0.63	16.00	2,321	16.00	2.17	55.00	UC	0.19
XBR7-08	21151352	1/2	0.80	20.30	2,031	14.00	2.95	75.00	UC	0.20

## X-Life™ XR8



XR8 is a **high-pressure, thermoplastic, hydraulic hose**. Applications include petroleum, water and synthetic-based fluids for mobile equipment, lube lines, blowout preventers, hydraulic lifts and construction machinery.

### Performance & Specs

Meets or exceeds the performance requirements of:

#### SAE 100R8

### Tube Material

Polyester

### Reinforcement

1 or 2 layers, braided aramid fibers

### Cover Material

Polyurethane, pin-pricked  
X-Life™ thermoplastic cover





### Temperature Range

-40°F to 200°F (-40°C to 93°C)

Note: limited to 70°C (158°F) for air  
and water based fluid

### Features & Benefits

**4:1** 4:1 safety factor

Part Number	SAP #							Fitting	Weight	
		Hose ID	Hose OD	PSI	Mpa	in	mm			
XR8-03	21151353	3/16	0.35	8.90	5076	35.00	1.18	30.00	UCT	0.16
XR8-04	21151354	1/4	0.45	11.50	5076	35.00	1.97	50.00	UC	0.17
XR8-06	21151355	3/8	0.61	15.50	4061	28.00	2.36	60.00	UC	0.19
XR8-08	21151356	1/2	0.78	19.90	3553	24.50	3.15	80.00	UC	0.20



## X-Life™ XTR8



XTR8 is a **high-pressure, twin-line thermoplastic hydraulic hose**. It is compatible with petroleum, water and synthetic-based fluids for mobile equipment, lube lines, blowout preventers, hydraulic lifts and construction machinery.

### Performance & Specs

Meets or exceeds the performance requirements of:

#### SAE 100R8

### Tube Material

Polyester

### Reinforcement

1 or 2 layers, braided aramid fibers

### Cover Material





Polyurethane, pin-pricked  
X-Life™ thermoplastic cover

### Temperature Range

-40°F to 200°F (-40°C to 93°C)  
Note: limited to 70°C (158°F) for air  
and water based fluid

### Features & Benefits

 4:1 safety factor

Part Number	SAP #							Fitting	Weight	
		Hose ID	Hose OD	PSI	Mpa	in	mm			
XTR8-04	21151361	1/4	0.45	11.50	5076	35.00	1.97	50.00	UC	0.17
XTR8-06	21151362	3/8	0.61	15.50	4061	28.00	2.36	60.00	UC	0.19
XTR8-08	21151363	1/2	0.78	19.90	3553	24.50	3.15	80.00	UC	0.20

## X-Life™ XNR8



XNR8 is a **high-pressure, thermoplastic hydraulic hose**. It is compatible with petroleum, water, and synthetic-based fluids for mobile equipment, lube lines, blowout preventers, hydraulic lifts and construction machinery requiring SAE 100R8 non-conductivity standards.

### Performance & Specs

Meets or exceeds the performance requirements of:

#### SAE 100R8

### Tube Material

Polyester

### Reinforcement

1 or 2 layers, braided aramid fibers


### Cover Material

Polyurethane, non pin-pricked  
X-Life™ thermoplastic cover





### Temperature Range

-40°F to 212°F (-40°C to 100°C)

### Features & Benefits

 Non-conductive tube and cover

 4:1 safety factor

Part Number	SAP #	 Hose ID	 Hose OD	 Max. Working Pressure		 Bend Radius		Fitting	Weight	
		in	in	mm	PSI	Mpa	in			mm
XNR8-03	21151357	3/16	0.35	8.90	5076	35.00	1.18	30.00	UCT	0.16
XNR8-04	21151358	1/4	0.45	11.50	5076	35.00	1.97	50.00	UC	0.17
XNR8-06	21151359	3/8	0.61	15.50	4061	28.00	2.36	60.00	UC	0.19
XNR8-08	21151360	1/2	0.78	19.90	3553	24.50	3.15	80.00	UC	0.20

# X-Life™ XR18



XR18 is a **highly flexible, thermoplastic hydraulic hose** even in cold temperatures. It has a compact size with a small OD and a lightweight, yet rugged, construction. Applications for this hose include forklifts, construction equipment, general hydraulic applications, chemical and gas transfer, agricultural equipment, material handling, freezer applications, machine tools and robotics, lubrication equipment and portable hydraulic tools.

### Performance & Specs

Meets or exceeds the performance requirements of:

**SAE 100R18**

### Tube Material

Polyester

### Reinforcement

Braided synthetic fibers

### Cover Material

Polyurethane, non pin-pricked  
X-Life™ thermoplastic cover





### Temperature Range

-40°F to 200°F (-40°C to 93°C)

Note: limited to 70°C (158°F) for air and water based fluid

### Features & Benefits

**4:1** 4:1 safety factor

Part Number	SAP #							Fitting	Weight	
		Hose ID	Hose OD	PSI	Mpa	in	mm			
XR18-04	21151364	1/4	0.46	11.80	3046	21.00	1.38	35.00	UC	0.17
XR18-06	21151365	3/8	0.65	16.50	3046	21.00	1.77	45.00	UC	0.19
XR18-08	21151366	1/2	0.83	21.20	3046	21.00	2.76	70.00	UC	0.20

## Industrial Fluid Solutions

Market segment

Hydraulic Hose

Contact

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