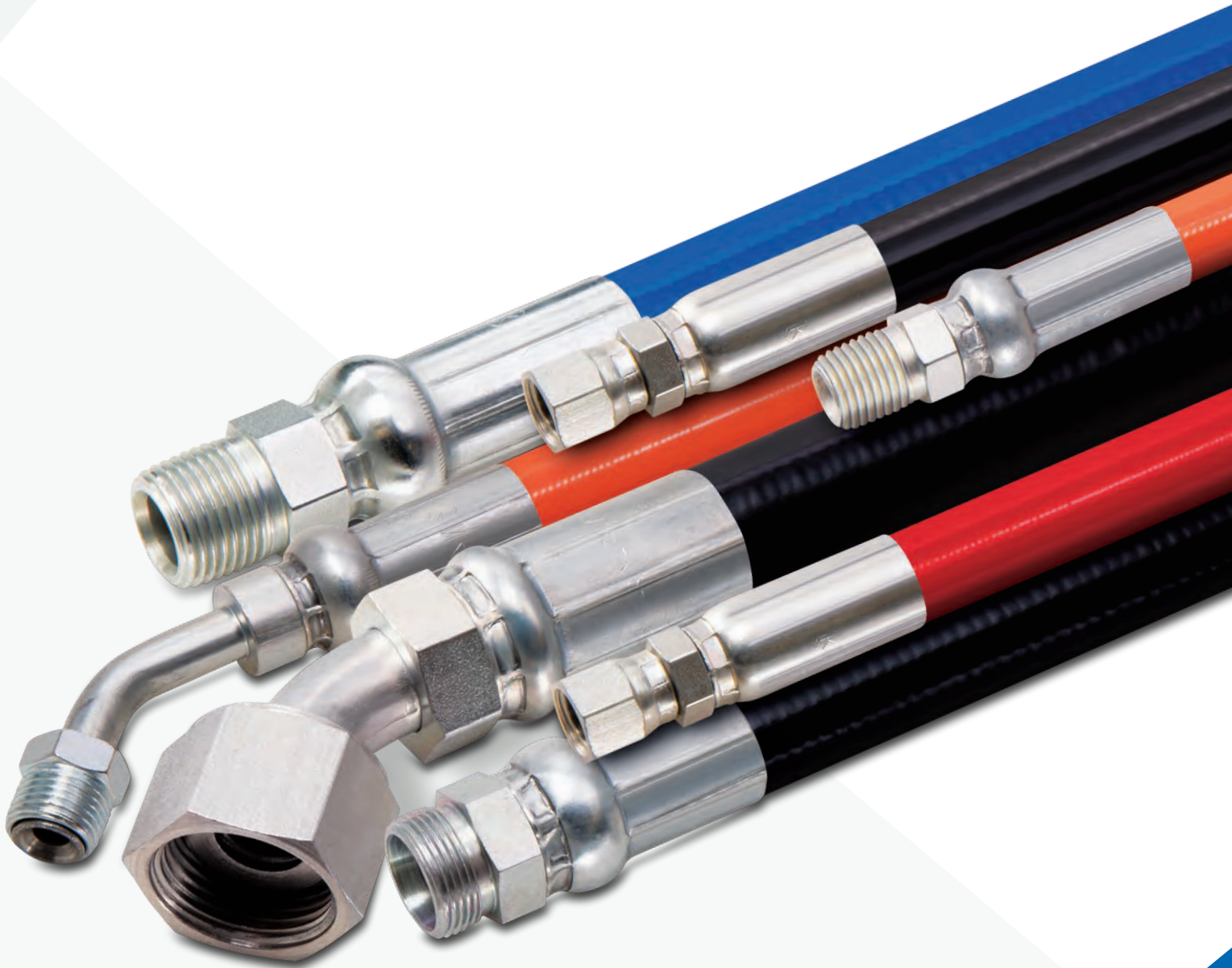
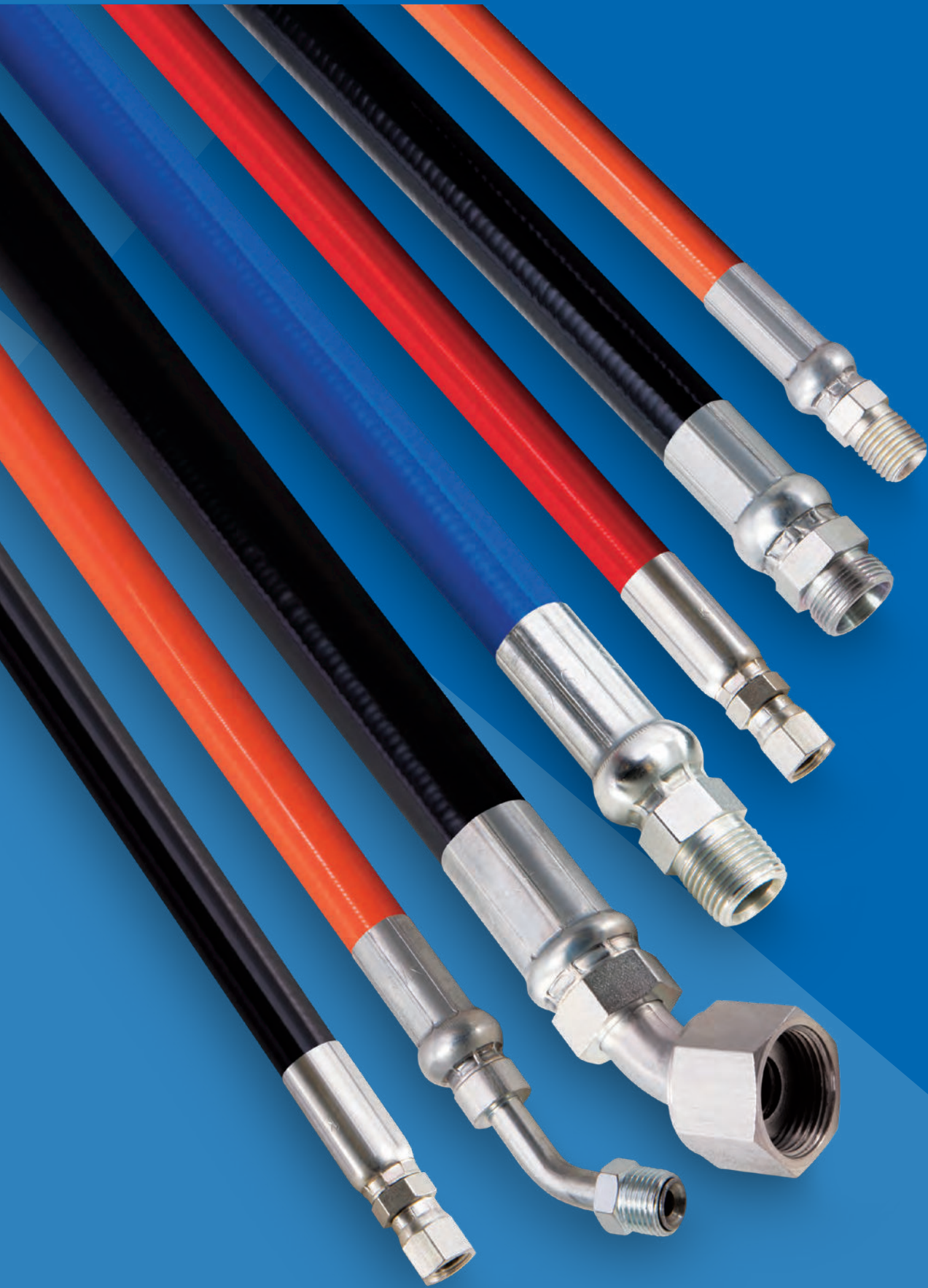


## Thermoplastic Hose





## SAE 100R7, DIN EN 855 Hydraulic Hose



**Recommended for:** Medium pressure hydraulic oil lines

**Tube:** Thermoplastic

**Reinforcement:** Synthetic fiber

**Cover:** Abrasion, ozone and weather resistant black urethane

**Temperature Range:** -40°F to +212°F

Part Number	Hose I.D. [in.]	Hose O.D. [in.]	Rated W.P. [psi]	Min. Burst [psi]	Min. Bend [in.]	Coupling Series
R7-02	1/8	0.31	3,000	12,000	1.0	R7 pp. 125-129
R7-03	3/16	0.41	3,000	12,000	2.0	STD pp. 36-60, R7 pp. 125-129
R7-04	1/4	0.49	3,000	12,000	2.5	STD pp. 36-60, R7 pp. 125-129
R7-05	5/16	0.59	2,500	10,000	3.0	STD pp. 36-60, R7 pp. 125-129
R7-06	3/8	0.65	2,250	9,000	3.5	STD pp. 36-60, R7 pp. 125-129
R7-08	1/2	0.81	2,000	8,000	5.5	STD pp. 36-60, R7 pp. 125-129
R7-12	3/4	1.1	1,250	5,000	7.0	STD pp. 36-60, R7 pp. 125-129
R7-16	1	1.38	1,000	4,000	12.0	STD pp. 36-60, R7 pp. 125-129

## SAE 100R7, DIN EN 855 Hydraulic Hose (Non-Conductive)



**Recommended for:** Medium pressure hydraulic oil lines to non-conductive standards

**Tube:** Thermoplastic

**Reinforcement:** Synthetic fiber

**Cover:** Abrasion, ozone and weather resistant orange urethane

**Temperature Range:** -40°F to +212°F

Part Number	Hose I.D. [in.]	Hose O.D. [in.]	Rated W.P. [psi]	Min. Burst [psi]	Min. Bend [in.]	Coupling Series
R7-02 NC	1/8	0.31	3,000	12,000	1.0	R7 pp. 125-129
R7-03 NC	3/16	0.41	3,000	12,000	2.0	STD pp. 36-60, R7 pp. 125-129
R7-04 NC	1/4	0.49	3,000	12,000	2.5	STD pp. 36-60, R7 pp. 125-129
R7-05 NC	5/16	0.59	2,500	10,000	3.0	STD pp. 36-60, R7 pp. 125-129
R7-06 NC	3/8	0.65	2,250	9,000	3.5	STD pp. 36-60, R7 pp. 125-129
R7-08 NC	1/2	0.81	2,000	8,000	5.5	STD pp. 36-60, R7 pp. 125-129
R7-12 NC	3/4	1.1	1,250	5,000	7.0	STD pp. 36-60, R7 pp. 125-129
R7-16 NC	1	1.38	1,000	4,000	12.0	STD pp. 36-60, R7 pp. 125-129

## SAE 100R7, DIN EN 855 Hydraulic Hose Twin Line



**Recommended for:** Medium pressure hydraulic oil lines twin-line applications

**Tube:** Thermoplastic

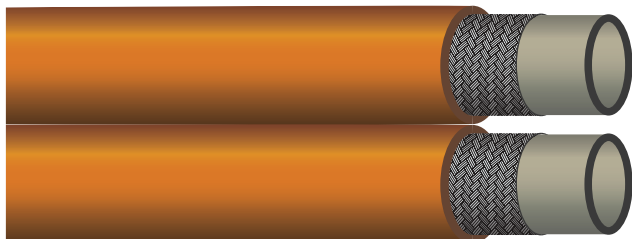
**Reinforcement:** Synthetic fiber

**Cover:** Abrasion, ozone and weather resistant black urethane

**Temperature Range:** -40°F to +212°F

Part Number	Hose I.D. (in.)	Hose O.D. (in.)	Rated W.P. (psi)	Min. Burst (psi)	Min. Bend (in.)	Coupling Series
R7-03 TW	3/16	0.41	3,000	12,000	2.0	STD pp. 36-60, R7 pp. 125-129
R7-04 TW	1/4	0.49	3,000	12,000	2.5	STD pp. 36-60, R7 pp. 125-129
R7-05 TW	5/16	0.59	2,500	10,000	3.0	STD pp. 36-60, R7 pp. 125-129
R7-06 TW	3/8	0.65	2,250	9,000	3.5	STD pp. 36-60, R7 pp. 125-129
R7-08 TW	1/2	0.81	2,000	8,000	5.5	STD pp. 36-60, R7 pp. 125-129

## SAE 100R7, DIN EN 855 1SN Hydraulic Hose Twin Line (Non-Conductive)



**Recommended for:** Medium pressure hydraulic oil lines for non-conductive twin-line applications

**Tube:** Thermoplastic

**Reinforcement:** Synthetic fiber

**Cover:** Abrasion, ozone and weather resistant orange urethane

**Temperature Range:** -40°F to +212°F

Part Number	Hose I.D. (in.)	Hose O.D. (in.)	Rated W.P. (psi)	Min. Burst (psi)	Min. Bend (in.)	Coupling Series
R7-04 TW NC	1/4	0.49	3,000	12,000	2.5	STD pp. 36-60, R7 pp. 125-129
R7-05 TW NC	5/16	0.59	2,500	10,000	3.0	STD pp. 36-60, R7 pp. 125-129
R7-06 TW NC	3/8	0.65	2,250	9,000	3.5	STD pp. 36-60, R7 pp. 125-129
R7-08 TW NC	1/2	0.81	2,000	8,000	5.5	STD pp. 36-60, R7 pp. 125-129

## SAE 100R18 Hydraulic Hose



**Recommended for:** High pressure hydraulic oil lines  
**Tube:** Thermoplastic  
**Reinforcement:** Two synthetic fiber braids  
**Cover:** Abrasion, ozone and weather resistant black urethane  
**Temperature Range:** -40°F to +212°F

Part Number	Hose I.D. [in.]	Hose O.D. [in.]	Rated W.P. [psi]	Min. Burst [psi]	Min. Bend [in.]	Coupling Series
R18-04	1/4	0.50	3,000	12,000	2.0	STD pp. 36-60
R18-05	5/16	0.61	3,000	12,000	2.5	STD pp. 36-60
R18-06	3/8	0.66	3,000	12,000	3.0	STD pp. 36-60
R18-08	1/2	0.88	3,000	12,000	5.5	STD pp. 36-60

## SAE 100R8, DIN EN 855 Hydraulic Hose



**Recommended for:** High pressure hydraulic oil lines  
**Tube:** Thermoplastic  
**Reinforcement:** Two synthetic fiber braids  
**Cover:** Abrasion, ozone and weather resistant black urethane  
**Temperature Range:** -40°F to +212°F

Part Number	Hose I.D. [in.]	Hose O.D. [in.]	Rated W.P. [psi]	Min. Burst [psi]	Min. Bend [in.]	Coupling Series
R8-03	3/16	0.41	5,000	20,000	2.0	STD pp. 36-60
R8-04	1/4	0.49	5,000	20,000	2.5	STD pp. 36-60
R8-06	3/8	0.65	4,000	16,000	3.5	STD pp. 36-60
R8-08	1/2	0.76	3,500	14,000	5.5	STD pp. 36-60

## SAE 100R8, DIN EN 855 Hydraulic Hose (Non-Conductive)



**Recommended for:** High pressure non-conductive hydraulic oil lines

**Tube:** Thermoplastic

**Reinforcement:** Two synthetic fiber braids

**Cover:** Abrasion, ozone and weather resistant orange urethane

**Temperature Range:** -40°F to +212°F

Part Number	Hose I.D. (in.)	Hose O.D. (in.)	Rated W.P. (psi)	Min. Burst (psi)	Min. Bend (in.)	Coupling Series
R8-03 NC	3/16	0.41	5,000	20,000	2.0	STD pp. 36-60
R8-04 NC	1/4	0.49	5,000	20,000	2.5	STD pp. 36-60
R8-06 NC	3/8	0.65	4,000	16,000	3.5	STD pp. 36-60
R8-08 NC	1/2	0.76	3,500	14,000	5.5	STD pp. 36-60

## SAE 100R8, DIN EN 855 Hydraulic Hose Twin Line



**Recommended for:** High pressure hydraulic oil lines for twin line applications

**Tube:** Thermoplastic

**Reinforcement:** Two synthetic fiber braids

**Cover:** Abrasion, ozone and weather resistant black urethane

**Temperature Range:** -40°F to +212°F

Part Number	Hose I.D. (in.)	Hose O.D. (in.)	Rated W.P. (psi)	Min. Burst (psi)	Min. Bend (in.)	Coupling Series
R8-04 TW	1/4	0.49	5,000	20,000	2.5	STD pp. 36-60
R8-06 TW	3/8	0.65	4,000	16,000	3.5	STD pp. 36-60
R8-08 TW	1/2	0.76	3,500	14,000	5.5	STD pp. 36-60



# KURT

## HYDRAULICS

[www.kurthydraulics.com](http://www.kurthydraulics.com)

Other Kurt Divisions

[kurt.com](http://kurt.com)

[kurtworkholding.com](http://kurtworkholding.com)

[kurtdiecasting.com](http://kurtdiecasting.com)

[kurtmachining.com](http://kurtmachining.com)

Kurt Hydraulics 114 West O Street, Lyman, NE 69352  
[www.kurthydraulics.com](http://www.kurthydraulics.com) | Toll Free: 866.257.7995 | [hydraulicsales@kurt.com](mailto:hydraulicsales@kurt.com)