



# ZETAFLEX NON CONDUCTIVE



DIN EN 855 R7 / SAE 100R7 / ANSI A92.2 / ISO 3949 - 10.1030.L

High pressure, synthetic fiber braid reinforced thermoplastic Non Conductive hydraulic hose

REFERENCE	#	inch	SAE Dash	ID mm	OD mm	MPa	PSI	MPa	PSI	MIN BEND RAD mm	KG kg/m
R7-02LNC	10.1030.02L	1/8"	-2	3,2	8,1	<b>28.0</b>	4100	<b>112.0</b>	16400	25	0,05
R7-03LNC	10.1030.03L	3/16"	-3	4,8	10,3	<b>21.0</b>	3100	<b>84.0</b>	12400	25	0,07
R7-04LNC	10.1030.04L	1/4"	-4	6,4	12,4	<b>19.2</b>	2800	<b>76.8</b>	11200	32	0,09
R7-05LNC	10.1030.05L	5/16"	-5	8,0	14,2	<b>19.0</b>	2800	<b>76.0</b>	11200	45	0,13
R7-06LNC	10.1030.06L	3/8"	-6	9,5	15,7	<b>16.0</b>	2400	<b>64.0</b>	9600	55	0,16
R7-08LNC	10.1030.08L	1/2"	-8	12,7	19,3	<b>15.5</b>	2300	<b>62.0</b>	9200	77	0,22
R7-10LNC	10.1030.10L	5/8"	-10	16,0	23,1	<b>10.5</b>	1600	<b>42.0</b>	6400	110	0,28
R7-12LNC	10.1030.12L	3/4"	-12	19,0	26,4	<b>9.0</b>	1400	<b>36.0</b>	5600	140	0,33
R7-16LNC	10.1030.16L	1"	-16	25,4	33,3	<b>7.0</b>	1100	<b>28.0</b>	4400	200	0,40

**INNER TUBE:** seamless oil resistant thermoplastic  
**REINFORCEMENT:** 1 high tensile polyester braid

**OUTER TUBE:** orange, oil and weather resistant polyurethane, pin-pricked  
**SAFETY FACTOR:** 4:1  
**APPLICATION:** petroleum base hydraulic fluids

**TEMPERATURE RANGE:** -40°C (-40°F) +100°C (+212°F) Max. temperature recommended for water base hydraulic fluids: +65°C (+149°F)

**COUPLINGS:** Balflex® 2-piece fittings serie 23 with 20 serie ferrules  
**NOTE:** Size -2 (1/8") not included in the standards.

**BALFLEX ZETAFLEX - NON CONDUCTIVE - DIN EN 855 / SAE 100R7 - DN3 - 1/8" - WP 28 MPa / 4060 PSI - [ANSI A92.2 - WP 20.7 MPa / 3000 PSI]**

# ZETAFLEX NON CONDUCTIVE TWIN



DIN EN 855 R7 / SAE 100R7 / ANSI A92.2 / ISO 3949 - 10.1034.L

High pressure, synthetic fiber braid reinforced thermoplastic Non Conductive hydraulic twin line hose

REFERENCE	#	inch	SAE Dash	ID mm	OD mm	MPa	PSI	MPa	PSI	MIN BEND RAD mm	KG kg/m
R7-03TNC	10.1034.03L	3/16"	-3	4,8	10,3	<b>21.0</b>	3100	<b>84.0</b>	12400	25	0,07
R7-04TNC	10.1034.04L	1/4"	-4	6,4	12,4	<b>19.2</b>	2800	<b>76.8</b>	11200	32	0,09
R7-05TNC	10.1034.05L	5/16"	-5	8,0	14,2	<b>19.0</b>	2800	<b>76.0</b>	11200	45	0,13
R7-06TNC	10.1034.06L	3/8"	-6	9,5	15,7	<b>16.0</b>	2400	<b>64.0</b>	9600	55	0,16
R7-08TNC	10.1034.08L	1/2"	-8	12,7	19,3	<b>15.5</b>	2300	<b>62.0</b>	9200	77	0,22
R7-10TNC	10.1034.10L	5/8"	-10	16,0	23,1	<b>10.5</b>	1600	<b>42.0</b>	6400	110	0,28
R7-12TNC	10.1034.12L	3/4"	-12	19,0	26,4	<b>9.0</b>	1400	<b>36.0</b>	5600	140	0,33
R7-16TNC	10.1034.16L	1"	-16	25,4	33,3	<b>7.0</b>	1100	<b>28.0</b>	4400	200	0,40

**INNER TUBE:** seamless oil resistant thermoplastic  
**REINFORCEMENT:** 2 high tensile polyester braid

**OUTER TUBE:** orange, oil and weather resistant polyurethane, pin-pricked  
**SAFETY FACTOR:** 4:1

**APPLICATION:** petroleum base hydraulic fluids  
**COUPLINGS:** Balflex® 2-piece fittings serie 23 with 20 serie ferrules

**TEMPERATURE RANGE:** -40°C (-40°F) +100°C (+212°F) Max. temperature recommended for water base hydraulic fluids: +65°C (+149°F)

**BALFLEX ZETAFLEX - NON CONDUCTIVE - DIN EN 855 / SAE 100R7 / ISO 3949 - DN5 - 3/16" - WP 21 MPa / 3100 PSI - [ANSI A92.2 - WP 20.7 MPa / 3000 PSI]**