

ZETAFLEX



DIN EN 855 R7 / SAE 100R7 - 10.1030.

High pressure, synthetic polyester braid reinforced thermoplastic hydraulic hose

REFERENCE	#	inch	SAE Dash	ID		OD		MPa		PSI		MIN BEND RAD	KG
				mm	mm	MPa	PSI	MPa	PSI	mm	kg/m		
R7-02	10.1030.02	1/8"	-2	3,2	8,1	28.0	4100	112.0	16400	25	0,05		
R7-03	10.1030.03	3/16"	-3	4,8	10,3	21.0	3100	84.0	12400	25	0,07		
R7-04	10.1030.04	1/4"	-4	6,4	12,4	19.2	2800	76.8	11200	32	0,09		
R7-05	10.1030.05	5/16"	-5	8,0	14,2	19.0	2800	76.0	11200	45	0,13		
R7-06	10.1030.06	3/8"	-6	9,5	15,7	16.0	2400	64.0	9600	55	0,16		
R7-08	10.1030.08	1/2"	-8	12,7	19,3	15,5	2300	62,0	9200	77	0,22		
R7-10	10.1030.10	5/8"	-10	16,0	23,1	10.5	1600	42.0	6400	110	0,28		
R7-12	10.1030.12	3/4"	-12	19,0	26,4	9.0	1400	36.0	5600	140	0,33		
R7-16	10.1030.16	1"	-16	25,4	33,3	7.0	1100	28.0	4400	200	0,40		

INNER TUBE: Polyester Elastomer
REINFORCEMENT: 1 high tensile polyester braid

OUTER TUBE: black, 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 - DIN EN 855 / SAE 100R7 / ISO 3949 - DN3 - 1/8" - WP 28 MPa / 4100 PSI

ZETAFLEX TWIN



DIN EN 855 R7 / SAE 100R7 / ISO 3949 - 10.1034.

High pressure, synthetic polyester braid reinforced thermoplastic hydraulic twin line hose

REFERENCE	#	inch	SAE Dash	ID		OD		MPa		PSI		MIN BEND RAD	KG
				mm	mm	MPa	PSI	MPa	PSI	mm	kg/m		
R7-03-TB	10.1034.03	3/16"	-3	4,8	10,3	21.0	3100	84.0	12400	25	0,07		
R7-04-TB	10.1034.04	1/4"	-4	6,4	12,4	19.2	2800	76.8	11200	32	0,09		
R7-05-TB	10.1034.05	5/16"	-5	8,0	14,2	19.0	2800	76.0	11200	45	0,13		
R7-06-TB	10.1034.06	3/8"	-6	9,5	15,7	16.0	2400	64.0	9600	55	0,16		
R7-08-TB	10.1034.08	1/2"	-8	12,7	19,3	15,5	2300	62,0	9200	77	0,22		
R7-10-TB	10.1034.10	5/8"	-10	16,0	23,1	10.5	1600	42.0	6400	110	0,28		
R7-12-TB	10.1034.12	3/4"	-12	19,0	26,4	9.0	1400	36.0	5600	140	0,33		
R7-16-TB	10.1034.16	1"	-16	25,4	33,3	7.0	1100	28.0	4400	200	0,40		

INNER TUBE: Polyester Elastomer
REINFORCEMENT: 1 high tensile polyester braid

OUTER TUBE: black, 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 - DIN EN 855 / SAE 100R7 / ISO 3949 - DN5 - 3/16" - WP 21 MPa / 3100 PSI