



# OMEGAFLEX



DIN EN 855 R8 / SAE 100R8 - 10.1032.

High pressure, double polyester braid reinforced thermoplastic hydraulic hose

REFERENCE	#	inch	SAE Dash	ID mm	OD mm	MPa	PSI	MPa	PSI	MIN BEND RAD mm	KG kg/m
R82P-03	10.1032.03	3/16"	-3	4,8	12,4	35.0	5100	140.0	20400	40	0,09
R82P-04	10.1032.04	1/4"	-4	6,4	16,1	35.0	5100	140.0	20400	45	0,10
R82P-05	10.1032.05	5/16"	-5	8,0	16,7	29.0	4300	116.0	17200	55	0,13
R82P-06	10.1032.06	3/8"	-6	9,5	18,5	28.0	4100	112.0	16400	65	0,18
R82P-08	10.1032.08	1/2"	-8	12,7	22,6	24.5	3600	98.0	14400	77	0,22
R82P-10	10.1032.10	5/8"	-10	16,0	25,6	19.0	2800	76.0	11200	100	0,31
R82P-12	10.1032.12	3/4"	-12	19,0	28,6	15.5	2300	62.0	9200	140	0,36
R82P-16	10.1032.16	1"	-16	25,4	35,8	14.0	2100	56.0	8400	200	0,51

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

**OUTER TUBE:** black, oil and weather resistant thermoplastic, 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

**BALFLEX OMEGAFLEX - DIN EN 855 / SAE 100R8 - DN5 - 3/16" - POLYESTER - WP 35 MPa / 5100 PSI**

# OMEGAFLEX TWIN



DIN EN 855 R8 / SAE 100R8 - 10.1036.

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

REFERENCE	#	inch	SAE Dash	ID mm	OD mm	MPa	PSI	MPa	PSI	MIN BEND RAD mm	KG kg/m
R82P-03LNC	10.1036.03	3/16"	-3	4,8	12,4	35.0	5100	140.0	20400	40	0,18
R82P-04LNC	10.1036.04	1/4"	-4	6,4	16,1	35.0	5100	140.0	20400	45	0,20
R82P-05LNC	10.1036.05	5/16"	-5	8,0	16,7	29.0	4300	116.0	17200	55	0,26
R82P-06LNC	10.1036.06	3/8"	-6	9,5	18,5	28.0	4100	112.0	16400	65	0,36
R82P-08LNC	10.1036.08	1/2"	-8	12,7	22,6	24.5	3600	98.0	14400	77	0,44
R82P-10LNC	10.1036.10	5/8"	-10	16,0	25,6	19.0	2800	76.0	11200	100	0,62
R82P-12LNC	10.1036.12	3/4"	-12	19,0	28,6	15.5	2300	62.0	9200	140	0,72
R82P-16LNC	10.1036.16	1"	-16	25,4	35,8	14.0	2100	56.0	8400	200	1,02

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

**OUTER TUBE:** black, oil and weather resistant thermoplastic, 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

**BALFLEX OMEGAFLEX - DIN EN 855 / SAE 100R8 - DN5 - 3/16" - POLYESTER - WP 35 MPa / 5100 PSI**