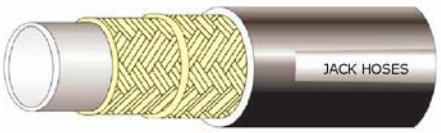
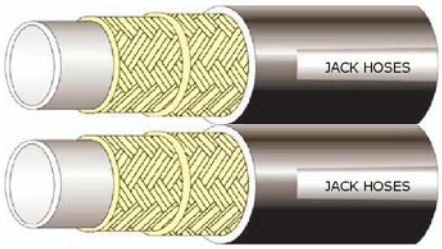
ZEC® Since 1961

TUBI TERMOPLASTICI - THERMOPLASTIC HOSES

NEW

JACK HOSES SERIES



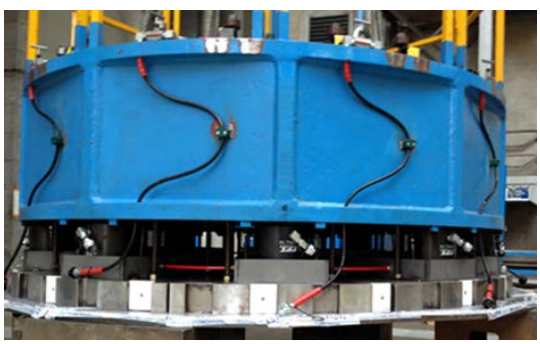


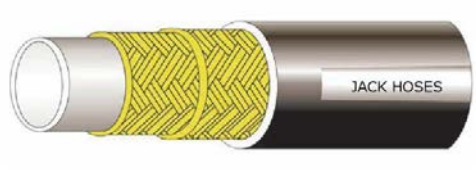
DATA SHEET – JACK HOSE STATIC PRESSURE													
HOSE REFERENCE	ID INSIDE DIAMETER		OD OUTSIDE DIAMETER		BP MIN. BURST PRESSURE @ 23°C		WP MAX. WORKING PRESSURE		MIN. BEND RADIUS		WEIGHT		FERRULE REFERENCE
	inch	mm	inch	mm	bar	psi	bar	psi	mm	inch	g/m	lbs/ft	
MT2J37000	1/4"	6.4	0.531	13.5	1750	25382	700	10150	40	1.57	296	0.199	BP14R9R
MT2J37000B (*)	1/4"	6.4	0.531	13.5	1750	25382	700	10150	40	1.57	592	0.398	BP14R9R
MTKJ57000	3/8"	9.5	0.709	18.0	1750	25382	700	10150	60	2.36	340	0.228	BP38R9R
MTKJ67000	1/2"	13.0	0.866	22.0	1750	25382	700	10150	75	2.95	448	0.301	BP12R9R

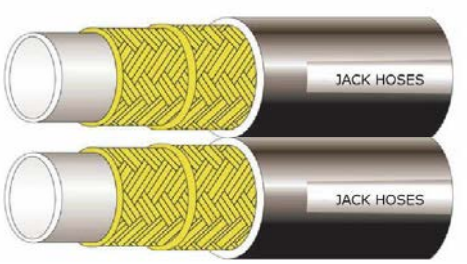
- Technical-constructive features: Inside core in polyamide, reinforcement in high tensile steel braids, outside cover in anti-abrasion polyether based polyurethane. On request it is also available in pinpricked version for air and compatible gases.
- Application: The JACK HOSES – STATIC PRESSURE series have been created for the high pressure conveying of oils and hydraulic fluids in static jack applications.
- Working temperature: -40°C to +100°C (-40°F to 212°F) Max working temperature in case of air, water and water based fluids is +70°C (+158°F).
- Vacuum rating: 0.93 bar; 700 mm Hg
- Working pressure: *safety ratio 1:2.5*
- Color available: black, red and yellow. Replace the last two numerical digits of the hose code with the following color code.

00	05	04

(*) TWIN hose





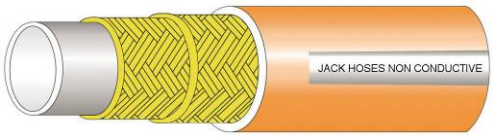


DATA SHEET – JACK HOSE DYNAMIC PRESSURE													
HOSE REFERENCE	ID INSIDE DIAMETER		OD OUTSIDE DIAMETER		BP MIN. BURST PRESSURE @ 23°C		WP MAX. WORKING PRESSURE		MIN. BEND RADIUS		WEIGHT		FERRULE REFERENCE
	inch	mm	inch	mm	bar	psi	bar	psi	mm	inch	g/m	lbs/ft	
MTK37000	1/4"	6.4	0.571	14.5	2800	40600	700	10150	40	1.57	254	0.171	BP14R9R
MTK37000B (*)	1/4"	6.4	0.571	14.5	2800	40600	700	10150	40	1.57	508	0.342	BP14R9R
MTKM57000	3/8"	9.5	0.740	18.8	2800	40600	700	10150	90	3.54	375	0.257	BP38MTKM
MTKM67000	1/2"	13.0	0.992	25.2	2800	40600	700	10150	140	5.51	588	0.395	BP12MTKM

- **Technical-constructive features:** Inside core in polyamide, reinforcement in high tensile steel braids, outside cover in anti-abrasion polyether based polyurethane. On request it is also available in pinpricked version for air and compatible gases.
- **Application:** The JACK HOSES – DYNAMIC PRESSURE series have been created for the high pressure conveying of oils and hydraulic fluids in dynamic jack applications.
- **Working temperature**: -40°C to +100°C (-40°F to 212°F) Max working temperature in case of air, water and water based fluids is +70°C (+158°F).
- **Vacuum rating**: 0.93 bar; 700 mm Hg
- **Working pressure**: *safety ratio 1:4*
- **Color available**: black, red and yellow. Replace the last two numerical digits of the hose code with the following color code.

00 05 04

(*) TWIN hose

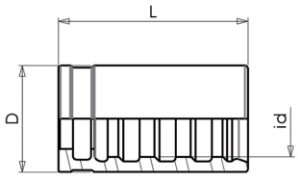


DATA SHEET – JACK HOSE NON CONDUCTIVE - DYNAMIC PRESSURE													
HOSE REFERENCE	ID INSIDE DIAMETER		OD OUTSIDE DIAMETER		BP MIN. BURST PRESSURE @ 23°C		WP MAX. WORKING PRESSURE		MIN. BEND RADIUS		WEIGHT		FERRULE REFERENCE
	inch	mm	inch	mm	bar	psi	bar	psi	mm	inch	g/m	lbs/ft	
OL8M30001	1/4"	6.4	0.583	14.8	2800	40600	700	10150	50	1.97	159	0.107	BP14R9R
OL8M50001HP	3/8"	9.7	0.789	18.0	2800	40600	700	10150	90	3.54	205	0.138	BP38R9R

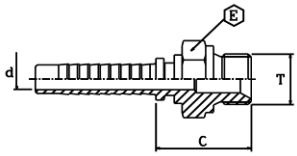
- **Technical-constructive features:** Inside core in thermoplastic polyester, reinforcement in aramid fiber, outside cover in orange anti-abrasion not micro-perforated polyurethane.
- **Application:** The JACK HOSES - NON CONDUCTIVE series have been created for the high pressure conveying of oils and hydraulic fluids. These hoses meet SAE J517 §21.4.1 for less than 50 µA leakages under 250.000 V/m.
- **Specifications:** This hoses meets or exceeds standard SAE J517 sec. 100R8 – EN 855 – ISO 3949.
- **Working temperature**: -40°C to +100°C (-40°F to 212°F) Max working temperature in case of air, water and water based fluids is +70°C (+158°F).
- **Vacuum rating**: 0.93 bar; 700 mm Hg
- **Working pressure**: safety ratio 1:4
- **Color**: orange in conformity with the standard. 01

Fittings

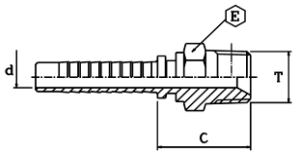
FERRULES			
Reference nr.	D	id	L
BP14R9R	21.0	15.3	40.0
BP38R9R	26.0	18.7	43.0
BP12R9R	30.0	23.0	45.0
BP38MTKM	21.0	28.0	46.0
BP12MTKM	27.0	35.0	64.5



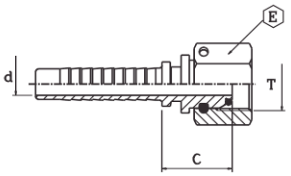
R9 BSP MALE PARALLEL SV 60°					
Reference nr.	*Hose*	T	d	E	C
RPMD1414R9	1/4"	1/4-19	4	19	28
RPMD3838R9	3/8"	3/8-19	7	22	30
RPMD1212R9	1/2"	1/2-14	9.5	27	33



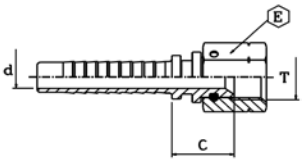
R9 BSP TAPER MALE 60° CONE					
Reference nr.	*Hose*	T	d	E	C
RPMDC1414R9	1/4"	1/4-19	4	17	28.8
RPMDC3838R9	3/8"	3/8-19	7	19	29.3
RPMDC1212R9	1/2"	1/2-14	9.5	22	34.3



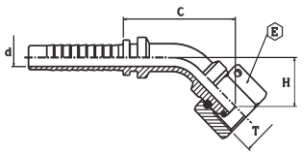
R9 BSP FEMALE 60° CONE THRUST WIRE NUT					
Reference nr.	*Hose*	T	d	E	C
RPFD1414R9	1/4"	1/4-19	4	19	20
RPFD3838R9	3/8"	3/8-19	7	22	21
RPFD1212R9	1/2"	1/2-14	9.5	27	23



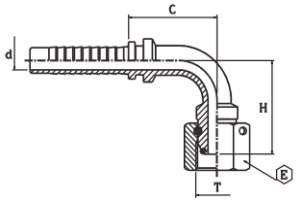
R9 JIC FEMALE 74° CONE THRUST NUT					
Reference nr.	*Hose*	T	d	E	C
RPFD916J14R9	1/4"	9/16-18	4	19	18
RPFD716J14R9	1/4"	7/16-20	4	14	16
RPFD916J38R9	3/8"	9/16-18	7	19	18
RPFD34J12R9	1/2"	3/4-16	9.5	24	20
RPFD78J12R9	1/2"	7/8-14	9.5	27	21



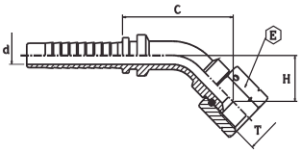
R9 BSP 45° SWEPT ELBOW 60° CONE THRUST WIRE NUT						
Reference nr.	*Hose*	T	d	E	H	C
RPF451414R9	1/4"	1/4-19	4	19	16	38
RPF453838R9	3/8"	3/8-19	7	22	19	45
RPF451212R9	1/2"	1/2-14	9.5	27	23	53



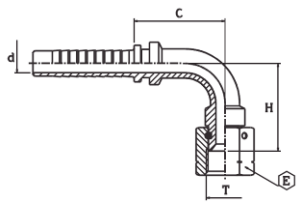
R9 BSP 90° SWEPT ELBOW 60° CONE THRUST WIRE NUT						
Reference nr.	*Hose*	T	d	E	H	C
RPF901414R9	1/4"	1/4-19	4	19	28	26
RPF903838R9	3/8"	3/8-19	7	22	34	35
RPF901212R9	1/2"	1/2-14	9.5	27	40	40



R9 JIC 45° SWEPT ELBOW 74° CONE THRUST WIRE NUT						
Reference nr.	*Hose*	T	d	E	H	C
RPF45716J14R9	1/4"	7/16-20	4	14	14	37
RPF45916J38R9	3/8"	9/16-18	7	19	18	45
RPF4534J12R9	1/2"	3/4-16	9.5	24	22	53
RPF4578J12R9	1/2"	7/8-14	9.5	27	23	54



R9 JIC 90° SWEPT ELBOW 74° CONE THRUST WIRE NUT						
Reference nr.	*Hose*	T	d	E	H	C
RPF90716J14R9	1/4"	7/16-20	4	14	26	26
RPF90916J38R9	3/8"	9/16-18	7	19	33	35
RPF9034J12R9	1/2"	3/4-16	9.5	24	39	40
RPF9078J12R9	1/2"	7/8-14	9.5	27	41	40



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