

HYFlex Italy



BRAIDED
HYDRAULIC HOSES



Index

HYFlex
Italy

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Introduction

HYFlex
Italy

Hyflex hydraulic hoses provide unparalleled performance, safety, and longevity.

Hyflex offer many different hose types and pressure ranges to suit a wide variety of applications.

Hyflex braided hydraulic hoses are fundamental fluid conveyance solutions for various equipment and applications with wide operating pressure ranges, optimal levels of abrasion resistance, long-lasting durability and high-performance transfer capabilities.

Hyflex braided hydraulic hoses are the best solution for hydraulic system service with petroleum and water-based fluids, for general industrial service as well as Petroleum and fire-resistant hydraulic fluids, fuel and lubricating oils, gasoline, water and other industrial fluids. Logging, construction, mining and other off highway applications. Low temperature flexing and hydraulic system service with petroleum and water-base fluids.

Hyflex reduces the chance of matching and mating errors. Reduces training time to build a hose assembly. Extremely diverse range of applications requiring higher operating pressures and higher temperatures.

Hyflex demanding applications like industrial and stationary, and on- and off-highway mobile equipment require sturdy, high-pressure hydraulic hoses to get the job done. Hyflex spiral 4- and 6-wire hoses are the perfect solutions for maximum durability and long-lasting performance under even the toughest conditions.

SAE 100R1AT. DIN EN853 1SN

Application: Medium pressure hydraulic application including mobile, machine tool and agricultural application, using petroleum-or water-based hydraulic fluids.

Inner Tube: Oil resistant synthetic rubber

Reinforcement: one braid of high-tensile steel wire

Cover: Black Neoprene Blend (i.d. less than 25.4mm wrap or smooth cover)

Temperature Range: -40°F to 212°F (-40°C to 100°C)



Nominal Diameter		Inside Diameter	Reinforcement Diameter	Outside Diameter	Working pressure		Proof pressure	Burst pressure	Bend Radius	Weight
inch	mm	mm	mm	mm	bar	psi	bar	bar	mm	kgs/m
3/16	5	4.6-5.4	8.9-10.1	11.5-12.3	250	3625	600	1000	89	0.2
1/4	6	6.2-7.0	10.8-11.4	12.7-13.5	225	3263	540	900	102	0.25
5/16	8	7.7-8.5	12.5-13.1	14.6-15.4	215	3118	510	850	114	0.31
3/8	10	9.3-10.1	14.5-15.1	16.7-17.5	180	2610	435	720	127	0.36
1/2	12	12.3-13.5	17.7-18.3	19.8-20.6	160	2320	385	640	178	0.45
5/8	16	15.5-16.7	21.2-21.7	23.2-24.0	130	1885	315	520	203	0.52
3/4	19	18.6-19.8	24.6-25.4	26.9-27.7	105	1523	255	420	241	0.65
1	25	25.0-26.4	32.1-32.9	34.6-35.4	88	1276	210	350	305	0.91
1-1/4	31	31.4-33.0	40.8-41.6	43.3-44.1	63	914	150	250	419	1.3
1-1/2	38	37.7-39.3	47.2-48.0	49.7-50.5	50	725	120	200	508	1.7
2	51	50.4-52.0	59.9-60.7	62.4-63.2	40	580	96	160	635	2.0

SAE 100R2AT. DIN EN853 2SN

Application: Medium pressure hydraulic application including mobile, machine tool and agricultural application, using petroleum-or water-based hydraulic fluids.

Inner Tube: Oil resistant synthetic rubber

Reinforcement: Two braid of high-tensile steel wire

Cover: Black Neoprene Blend (i.d. less than 25.4mm wrap or smooth cover)

Temperature Range: -40°F to 212°F (-40°C to 100°C)



Nominal Diameter		Inside Diameter	Reinforcement Diameter	Outside Diameter	Working pressure		Proof pressure	Burst pressure	Bend Radius	Weight
inch	mm	mm	mm	mm	bar	psi	bar	bar	mm	kgs/m
3/16	5	4.6-5.4	10.6-11.7	13.3-14.1	415	6017.5	996	1660	90	0.3
1/4	6	6.2-7.0	12.5-13.1	14.4-15.2	400	5800	960	1600	100	0.3
5/16	8	7.7-8.5	14.2-14.8	16.3-17.1	350	5075	840	1400	115	0.36
3/8	10	9.3-10.1	16.2-16.8	18.3-19.1	330	4785	792	1320	130	0.49
1/2	12	12.3-13.5	19.4-20.0	21.5-22.3	275	3987.5	660	1100	180	0.56
5/8	16	15.5-16.7	22.8-23.4	25.0-25.8	250	3625	600	1000	200	0.60
3/4	19	18.6-19.8	26.4-27.2	28.6-29.4	215	3117.5	516	860	240	0.83
1	25	25.0-26.4	33.9-34.7	36.5-37.1	165	2392.5	396	660	300	1.22
1-1/4	31	31.4-33.0	42.8-43.6	45.3-46.1	125	1812.5	300	500	420	1.91
1-1/2	38	37.7-39.3	49.2-50.0	51.7-52.5	90	1305	216	360	500	2.17
2	51	50.4-52.0	61.9-62.7	64.4-65.2	80	1160	192	320	630	2.74

SAE 100 R5

Hose Construction:

Tube: Oil resistant synthetic rubber

Reinforcement: One wire braid

Cover: Oil and weather resistant synthetic rubber impregnated cotton braid

Temperature Range: - From - 40°C UP to +100°C



SIZE		I.D		O.D		W.P		B.P		MIN B.R		W.T
MM	DASH	MIN	MAX	MIN	MAX	MPA	PSI	MPA	PSI	INCH	MM	KG/M
5	-4	4.8	5.5	12.7	13.7	21	3045	84	12180	2.95	75	0.24
6.3	-5	6.4	7.2	14.3	15.3	21	3045	84	12180	3.35	85	0.28
8	-6	7.9	8.7	16.7	17.6	15.7	2270	63	9135	3.94	100	0.35
11	-8	10.3	11.1	18.9	20.0	14	2030	56	8120	4.53	115	0.38
12.5	-10	12.7	13.7	22.8	24.0	12.2	1770	49	7105	5.51	140	0.51
16	-12	15.9	17.0	26.8	28.0	10.5	1520	42	6090	6.5	165	0.68
22	-16	22.2	23.3	30.6	32.2	5.6	810	22.4	3250	7.28	185	0.70
29	-20	28.6	29.8	37.3	38.9	4.3	620	17.5	2540	9.06	230	0.80
35	-24	34.9	36.1	43.7	45.2	3.5	510	14	2030	10.43	265	0.93
46	-32	46.0	47.2	55.2	57.6	2.4	350	9.8	1420	13.19	335	1.32
60	-40	60.3	61.9	71.8	74.2	2.4	350	9.8	1420	24.02	610	2.96
76	-48	76.2	77.8	89.3	91.7	1.4	200	5.6	810	33.07	840	4.10

SAE 100 R6

Hose Construction:

Tube: Oil resistant synthetic rubber

Reinforcement: One textile braid

Cover: Abrasion, ozone and weather resistant synthetic rubber

Temperature Range: From - 40°C UP to +100°C



SIZE		I.D		O.D		W.P		B.P		MIN B.R		W.T
INCH	MM	MIN	MAX	MIN	MAX	MPA	PSI	MPA	PSI	INCH	MM	KG/M
3/16	5	4.5	5.4	10.3	11.9	3.5	510	14	2030	1.97	50	0.11
1/4	6	6.1	7.0	11.9	13.5	2.8	410	11.2	1620	2.56	65	0.13
5/16	8	7.6	8.5	13.5	15.1	2.8	410	11.2	1620	2.95	75	0.15
3/8	10	9.2	10.1	15.1	16.7	2.8	410	11.2	1620	2.95	75	0.18
1/2	12.5	12.4	13.5	19.0	20.6	2.8	410	11.2	1620	3.94	100	0.26
5/8	16	15.6	16.7	22.2	23.8	2.4	350	9.8	1420	4.92	125	0.31
3/4	19	18.7	19.8	25.4	27.8	2.1	310	8.4	1220	5.91	150	0.40

DIN EN856 4SP

Hose Construction:

Inner tube: oil resistant synthetic rubber

Reinforcement: four high tensile steel wire spiral

Cover: oil, abrasion, weather resistant synthetic rubber

Working Temp.: -40°C up to +121°C

Applications: Very high pressure applications used for petroleum based hydraulic fluids



Inside Diameter		Reinforcement Diameter	Outside Diameter	Working Pressure		Proof Pressure	Burst Pressure	Min. Bend Radius	Weight
inch	mm			psi	bar				
3/8	9.3-10.1	17.4-18.2	21.2-22.0	6453	445	1070	1780	180	0.75
1/2	12.3-13.5	20.3-21.1	24.2-25.0	6018	415	1020	1660	230	0.89
5/8	15.5-16.7	23.8-24.6	27.7-28.5	5075	350	840	1400	250	1.10
3/4	18.6-19.8	28.3-29.1	32.2-33.0	5075	350	840	1400	300	1.50
1	25.0-26.4	35.4-36.2	39.2-40.0	4060	280	765	1120	340	2.02
1-1/4	31.4-33.0	45.1-45.9	50.2-51.0	3045	210	500	840	460	3.05
1-1/2	37.7-39.3	51.6-52.4	56.7-57.5	2683	185	445	740		3.40
2	50.4-52.0	64.6-65.4	70.7-71.5	2393	165	400	660	660	4.35

DIN EN856 4SH

Hose Construction:

Inner tube: oil resistant synthetic rubber

Reinforcement: four high tensile steel wire spiral

Cover: oil, abrasion, weather resistant synthetic rubber

Working Temp.: -40°C up to +121°C

Applications: Very high pressure applications used for petroleum based hydraulic fluids



Inside Diameter		Reinforcement Diameter	Outside Diameter	Working Pressure		Proof Pressure	Burst Pressure	Min. Bend Radius	Weight
inch	mm			psi	bar				
3/4	18.6-19.8	28.3-29.1	31.7-32.5	6090	420	1000	1680	280	1.7
1	25.0-26.4	35.4-36.2	39.2-40.0	5510	380	910	1520	340	2.5
1-1/4	31.4-33.0	42.2-43.0	46.3-47.1	2075	350	830	1300	460	3
1-1/2	37.7-39.3	49.0-49.8	54.2-55.0	4210	290	700	1160	560	3.6
2	50.4-52	63.4-64.2	68.5-69.3	3625	250	700	1000	700	5

SAE 100 R13

Hose Construction:

Inner tube: oil resistant synthetic rubber

Reinforcement: four or six high tensile steel wire spiral

Cover: oil, abrasion, weather resistant synthetic rubber

Working Temp.: -40 up to +121

Applications: Very high pressure applications subject to surge or flexing such as construction equipments, mining and the high performance industrial market



Inside Diameter		Reinforcement Diameter	Outside Diameter	Working Pressure		Proof Pressure	Burst Pressure	Min. Bend Radius	Weight
inch	mm			psi	bar				
3/4	18.6-19.8	29.2-29.8	32.0-32.8	5075	350	830	1400	240	2.10
1	25.0-26.4	35.5-36.1	38.3-39.1	5075	350	830	1400	300	2.88
1-1/4	31.4-33.0	47.1-47.7	49.9-50.7	5075	350	830	1400	420	4.20
1-1/2	37.7-39.3	54.7-55.3	57.5-58.3	5075	350	830	1400	500	5.00
2	50.4-52.0	67.7-68.3	71.5-72.3	5075	350	830	1400	640	7.00

SAE 100 R15

Hose Construction:

Inner tube: oil resistant synthetic rubber

Reinforcement: four or six high tensile steel wire spiral

Cover: oil, abrasion, weather resistant synthetic rubber

Working Temp.: -40 up to +121

Applications: Very high pressure applications subject to surge or flexing such as construction equipments, mining and the high performance industrial market



Inside Diameter		Reinforcement Diameter	Out Diameter	Working Pressure		Proof Pressure	Burst Pressure	Min. Bend Radius	Weight
inch	mm			psi	bar				
3/8	9.3-10.1	20.3	23.3	6090	420	840	1680	150	0.80
1/2	12.3-13.5	24.0	26.8	6090	420	840	1680	200	0.95
3/4	18.6-19.8	32.9	36.1	6090	420	840	1680	265	1.85
1	25.0-26.4	38.9	42.9	6090	420	840	1680	330	2.90
1-1/4	31.4-33.0	48.4	51.5	6090	420	840	1680	445	4.20
1-1/2	37.7-39.3	56.3	59.6	6090	420	840	1680	530	5.60



OLEODINAMICA
Hydraulics
Hydraulikschläuche

RINFORZO METALLICO
Metal Reinforcement
Metallverstärkung

Serie **FM040**
Series

POLIESTERE TERMOPLASTICO
Thermoplastic polyester
Thermoplastisches Polyester-Elastomer

N. 1 STRATO DI FILO IN ACCIAIO AD ALTA TENACITÀ
1 layer of braided steel wire
1 Stahldrahtgeflecht

POLIURETANO ANTIABRASIONE MICROFORATO
Pin pricked anti-abrasion polyurethane
Polyurethan abriebfest, geprickt



DATI TECNICI

Technical Specifications • Technische Daten

INCH	mm	mm		MPa	bar	psi	MPa	bar	psi	bar		mm	gr/m	
3/16	5,0	9,3	FM040B	33,0	330	4785	132	1320	19140	660	4:1	±1,5%	20	99,5
1/4	6,6	12,0	FM040C	30,0	300	4351	120	1200	17404	600	4:1	±1,5%	35	167,5
5/16	8,0	13,5	FM040D	21,5	215	3117	86	860	12470	430	4:1	±1,5%	40	190,0
3/8	9,9	15,5	FM040E	21,5	215	3117	86	860	12470	430	4:1	±1,5%	60	249,0
1/2	13,0	18,5	FM040F	18,0	180	2610	72	720	10440	360	4:1	±1,5%	70	314,0
5/8	16,4	23,0	FM040G	14,5	145	2102	58	580	8410	290	4:1	±1,5%	110	401,0
3/4	19,5	26,5	FM040H	12,0	120	1740	48	480	6960	240	4:1	±1,5%	150	485,0
1	26,0	34,2	FM040I	9,7	97	1406	39	390	5655	195	4:1	±1,5%	170	689,0



OLEODINAMICA
Hydraulics
Hydraulikschläuche

ALTISSIMA PRESSIONE
Very high pressure
Höchstdruckschläuche

700 bar

Serie **FE6D020**
Series

POLIESTERE TERMOPLASTICO
Thermoplastic polyester
Thermoplastisches Polyester-Elastomer

N. 1 STRATO DI FILO DI FIBRA ARAMIDICA + N. 1 DI FILO ACCIAIO
1 layer of braided aramid yarn + 1 braided steel wire
1 Aramidgeflecht, 1 Stahldrahtgeflecht

POLIURETANO ANTIABRASIONE MICROFORATO
Pin pricked anti-abrasion polyurethane
Polyurethan abriebfest, geprickt



DATI TECNICI

Technical Specifications • Technische Daten

INCH	mm	mm		MPa	bar	psi	MPa	bar	psi	bar		mm	gr/m	
1/4	6,4	13,0	FE6D020C	70	700	10150	280	2800	40600	1400	4:1	±1,5%	50	210
3/8	9,8	18,6	FE6D020E	70	700	10150	280	2800	40600	1400	4:1	±1,5%	90	350



OLEODINAMICA
Hydraulics
Hydraulikschläuche

ALTISSIMA PRESSIONE
Very high pressure
Höchstdruckschläuche

POLIESTERE TERMOPLASTICO
Thermoplastic polyester
Thermoplastisches Polyester-Elastomer

N. 1 STRATO DI FILO DI FIBRA ARAMIDICA + N. 1 DI FILO ACCIAIO
1 layer of braided aramid yarn + 1 braided steel wire
1 Aramidgeflecht, 1 Stahldrahtgeflecht

POLIURETANO ANTIABRASIONE MICROFORATO
Pin pricked anti-abrasion polyurethane
Polyurethan abriebfest, geprickt

Serie **FK2100**
Series



DATI TECNICI

Technical Specifications • Technische Daten

INCH	mm	mm		MPa	bar	psi	MPa	bar	psi	bar		mm	gr/m	
3/16	5,0	11,2	FK2100B	50,0	500	7252	200	2000	29000	1000	4:1	±1,5%	30	290
1/4	6,6	13,2	FK2100C	50,0	500	7252	200	2000	29000	1000	4:1	±1,5%	40	392
5/16	8,0	15,2	FK2100D	45,0	450	6525	180	1800	26100	900	4:1	±1,5%	50	463
3/8	9,8	18,5	FK2100E	42,5	425	6125	170	1700	24650	850	4:1	±1,5%	80	684
1/2	13,0	21,5	FK2100F	35,0	350	5075	140	1400	20300	700	4:1	±1,5%	90	848
5/8	16,4	24,5	FK2100G	22,5	225	3262	90	900	13050	450	4:1	±1,5%	100	906
3/4	19,5	28,0	FK2100H	20,0	200	2900	80	800	11600	400	4:1	±1,5%	130	1024
1	26,0	35,0	FK2100I	17,5	175	2537	70	700	10150	350	4:1	±1,5%	150	1370



OLEODINAMICA
Hydraulics
Hydraulikschläuche

RINFORZO TESSILE
Textile Reinforcement
Textilverstärkung

R8 Superiore alle normative **SAE 100R8 - ISO 3949.2**
Over the requirements of **SAE 100R8 - ISO 3949.2** norms

POLIESTERE TERMOPLASTICO
Thermoplastic polyester
Thermoplastisches Polyester-Elastomer

N. 2 STRATI DI FILO DI FIBRA ARAMIDICA
2 layers of braided aramid fibers
2 Aramidgeflechte

POLIURETANO ANTIABRASIONE MICROFORATO
Pin pricked anti-abrasion polyurethane
Polyurethan abriebfest, geprickt

Serie **F0220**
Series



DATI TECNICI

Technical Specifications • Technische Daten

INCH	mm	mm		MPa	bar	psi	MPa	bar	psi	bar			mm	gr/m
1/8	4,0	8,3	F0220A	36,2	362	5249	145	1450	21025	725	4:1	±1,5%	15	50,5
3/16	5,0	9,3	F0220B	36,2	362	5249	145	1450	21025	725	4:1	±1,5%	22	63,0
1/4	6,6	12,5	F0220C	36,2	362	5249	145	1450	21025	725	4:1	±1,5%	30	104,5
5/16	8,0	14,3	F0220D	35,0	350	5075	140	1400	20300	700	4:1	±1,5%	40	125,5
3/8	9,7	16,5	F0220E	30,0	300	4350	120	1200	17400	600	4:1	±1,5%	70	147,5
1/2	13,0	20,5	F0220F	25,0	250	3625	100	1000	14500	500	4:1	±1,5%	90	226,5
5/8	16,4	24,0	F0220G	20,0	200	2900	80	800	11600	400	4:1	±1,5%	130	277,0
3/4	19,5	27,5	F0220H	16,2	162	2349	65	650	9425	325	4:1	±1,5%	150	339,0
1	26,0	34,2	F0220I	14,0	140	2030	56	560	8120	280	4:1	±1,5%	190	424,5



OLEODINAMICA
Hydraulics
Hydraulikschläuche

RINFORZO METALLICO
Metal Reinforcement
Metallverstärkung

POLIESTERE TERMOPLASTICO
Thermoplastic polyester
Thermoplastisches Polyester-Elastomer

N. 1 STRATO DI FILO IN ACCIAIO AD ALTA TENACITÀ
1 layer of braided steel wire
1 Stahldrahtgeflecht

POLIURETANO ANTIABRASIONE MICROFORATO
Pin pricked anti-abrasion polyurethane
Polyurethan abriebfest, geprickt

Serie **FM240**
Series



DATI TECNICI

Technical Specifications • Technische Daten

INCH	mm	mm		MPa	bar	psi	MPa	bar	psi	bar			mm	gr/m
3/16	5,0	9,3	FM240B	33,0	330	4785	132	1320	19140	660	4:1	±1,5%	20	199
1/4	6,6	12,0	FM240C	30,0	300	4351	120	1200	17404	600	4:1	±1,5%	35	335
5/16	8,0	13,5	FM240D	21,5	215	3117	86	860	12470	430	4:1	±1,5%	40	380
3/8	9,9	15,5	FM240E	21,5	215	3117	86	860	12470	430	4:1	±1,5%	60	498
1/2	13,0	18,5	FM240F	18,0	180	2610	72	720	10440	360	4:1	±1,5%	70	628
5/8	16,4	23,0	FM240G	14,5	145	2102	58	580	8410	290	4:1	±1,5%	110	802
3/4	19,5	26,5	FM240H	12,0	120	1740	48	480	6960	240	4:1	±1,5%	150	970
1	26,0	34,2	FM240I	9,7	97	1406	39	390	5655	195	4:1	±1,5%	170	1378

MULTIFUNZIONE

Multi purpose
Mehrzweckschläuche

RINFORZO METALLICO
Metal Reinforcement
Metallverstärkung

Serie **RM14010**
Series

POLIAMMIDE 12
Polyamide 12
Polyamid 12

N. 2 STRATI DI FILO IN ACCIAIO AD ALTA TENACITÀ
2 layers of braided steel wire
2 Stahldrahtgeflechte

POLIURETANO ANTIABRASIONE MICROFORATO
Pin pricked anti-abrasion polyurethane
Polyurethan abriebfest, geprickt



DATI TECNICI

Technical Specifications • Technische Daten

INCH	mm	mm		MPa	bar	psi	MPa	bar	psi	bar			mm	gr/m
3/8	10,1	17,5	RM14010E	30,0	300	4350	120	1200	17400	600	4:1	±1,5%	90	390
1/2	12,8	20,5	RM14010F	27,5	275	3987	110	1100	15950	550	4:1	±1,5%	100	515



OLEODINAMICA
Hydraulics
Hydraulikschläuche

NON CONDUTTIVI
Not conductive
Nicht leitende

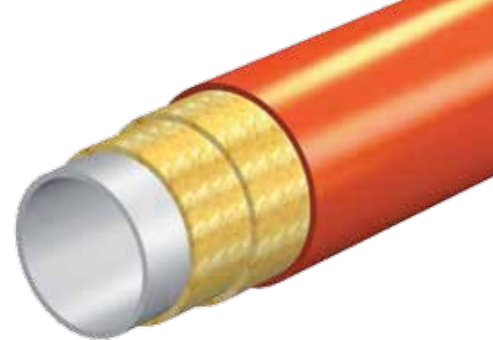
R8 Superiore alle normative **SAE 100R8 - ISO 3949.2**
Over the requirements of **SAE 100R8 - ISO 3949.2** norms

POLIESTERE TERMOPLASTICO
Thermoplastic polyester
Thermoplastisches Polyester-Elastomer

N. 2 STRATI IN FIBRA ARAMIDICA
2 layers of braided aramid fibers
2 Aramidgeflechte

POLIURETANO ANTIABRASIONE NON MICROFORATO
Not pin pricked anti-abrasion polyurethane
Polyurethan abriebfest, nicht geprükelt

Serie **FK18050**
Series



DATI TECNICI
Technical Specifications • Technische Daten

INCH	mm	mm		MPa	bar	psi	MPa	bar	psi	bar			mm	gr/m							
1/8	4,0	8,3	FK18050A	36,2	362	5249	145	1450	21025	725	4:1	±1,5%	15	50,5							
3/16	5,0	9,3	FK18050B	36,2	362	5249	145	1450	21025	725	4:1	±1,5%	22	63,0							
1/4	6,6	12,5	FK18050C	36,2	362	5249	145	1450	21025	725	4:1	±1,5%	30	104,5							
5/16	8,0	14,3	FK18050D	35,0	350	5075	140	1400	20300	700	4:1	±1,5%	40	125,5							
3/8	9,7	16,5	FK18050E	30,0	300	4350	120	1200	17400	600	4:1	±1,5%	70	147,5							
1/2	13,0	20,5	FK18050F	25,0	250	3625	100	1000	14500	500	4:1	±1,5%	90	226,5							
5/8	16,4	24,0	FK18050G	20,0	200	2900	80	800	11600	400	4:1	±1,5%	130	277,0							
3/4	19,5	27,5	FK18050H	16,2	162	2349	65	650	9425	325	4:1	±1,5%	150	339,0							
1	26,0	34,2	FK18050I	14,0	140	2030	56	560	8120	280	4:1	±1,5%	190	424,5							



OLEODINAMICA
Hydraulics
Hydraulikschläuche

RINFORZO TESSILE
Textile Reinforcement
Textilverstärkung

R8 Superiore alle normative **SAE 100R8 - ISO 3949.2**
Over the requirements of **SAE 100R8-ISO 3949.2** norms

POLIESTERE TERMOPLASTICO
Thermoplastic polyester
Thermoplastisches Polyester-Elastomer

N. 2 STRATI DI FILO DI FIBRA ARAMIDICA
2 layers of braided aramid fibers
2 Aramidgeflechte

POLIURETANO ANTIABRASIONE MICROFORATO
Pin pricked anti-abrasion polyurethane
Polyurethan abriebfest, geprükelt

Serie **F2220**
Series



DATI TECNICI
Technical Specifications • Technische Daten

INCH	mm	mm		MPa	bar	psi	MPa	bar	psi	bar			mm	gr/m							
1/8	4,0	8,3	F2220A	36,2	362	5249	145	1450	21025	725	4:1	±1,5%	15	101							
3/16	5,0	9,3	F2220B	36,2	362	5249	145	1450	21025	725	4:1	±1,5%	22	126							
1/4	6,6	12,5	F2220C	36,2	362	5249	145	1450	21025	725	4:1	±1,5%	30	209							
5/16	8,0	14,3	F2220D	35,0	350	5075	140	1400	20300	700	4:1	±1,5%	40	251							
3/8	9,7	16,5	F2220E	30,0	300	4350	120	1200	17400	600	4:1	±1,5%	70	295							
1/2	13,0	20,5	F2220F	25,0	250	3625	100	1000	14500	500	4:1	±1,5%	90	453							
5/8	16,4	24,0	F2220G	20,0	200	2900	80	800	11600	400	4:1	±1,5%	130	554							
3/4	19,5	27,5	F2220H	16,2	162	2349	65	650	9425	325	4:1	±1,5%	150	678							
1	26,0	34,2	F2220I	14,0	140	2030	56	560	8120	280	4:1	±1,5%	190	849							



OLEODINAMICA
Hydraulics
Hydraulikschläuche

ALTISSIMA PRESSIONE
Very high pressure
Höchstdruckschläuche

Serie **FK3100**



POLIESTERE TERMOPLASTICO
Thermoplastic polyester
Thermoplastisches Polyester-Elastomer

N. 1 STRATO DI FILO DI FIBRA ARAMIDICA + N. 1 DI FILO ACCIAIO
1 layer of braided aramid yarn + 1 braided steel wire
1 Aramidgeflecht, 1 Stahldrahtgeflecht

POLIURETANO ANTIABRASIONE MICROFORATO
Pin pricked anti-abrasion polyurethane
Polyurethan abriebfest, geprickt

DATI TECNICI

Technical Specifications • Technische Daten

Ø		Ø		WP MAX			BP MIN			↓		MIN		Kg	
INCH	mm	mm		MPa	bar	psi	MPa	bar	psi	bar			mm	gr/m	
3/16	5,0	11,2	FK3100B	50,0	500	7252	200	2000	29000	1000	4:1	±1,5%	30	435,0	
1/4	6,6	13,2	FK3100C	50,0	500	7252	200	2000	29000	1000	4:1	±1,5%	40	588,0	
5/16	8,0	15,2	FK3100D	45,0	450	6525	180	1800	26100	900	4:1	±1,5%	50	694,5	
3/8	9,8	18,5	FK3100E	42,5	425	6125	170	1700	24650	850	4:1	±1,5%	80	1026,0	
1/2	13,0	21,5	FK3100F	35,0	350	5075	140	1400	20300	700	4:1	±1,5%	90	1272,0	
5/8	16,4	24,5	FK3100G	22,5	225	3262	90	900	13050	450	4:1	±1,5%	100	1359,0	
3/4	19,5	28,0	FK3100H	20,0	200	2900	80	800	11600	400	4:1	±1,5%	130	1536,0	
1	26,0	35,0	FK3100I	17,5	175	2537	70	700	10150	350	4:1	±1,5%	150	2055,0	

AUTHORISED DEALERS IN MIDDLE EAST

**ROYAL HEAVY EQUIP
SPARE PARTS TRADING LLC**

PO Box: 23150, Ajman,
Dubai - United Arab Emirates
Phone : +971 6 7470118 , 7481152
Fax : +971 6 748 1153
Email : royalhet@royaltradingllc.ae
Web : www.royalhydraulics.ae

**HYDRO POWER
TRADING L.L.C.**

P.B. No. 26563 Ras Al Khor,
Dubai - United Arab Emirates.
Phone : +971 4 333 5232
Fax : +971 4 333 54 96
Email : hydropt@eim.ae
Web : www.hydropoweruae.com

**HYDRO POWER OIL-FIELD
EQUIPMENT SPARE PARTS L.L.C**

Abudhabi, United Arab Emirates
Phone : +971-2-558 33 14
Email : hydropowerauh@gmail.com
Web : www.hydropoweruae.com

**HYDRO POWER
TRADING LLC (FUJ BRANCH)**

Fujairah, United Arab Emirates
Phone : +971 9 222 1043
Fax : +971 4 333 54 96
Mob : +971 55 956 5827
Email : hptfujairah@gmail.com

**ROYAL HYDRAULICS
TECHNICAL SERVICES**

Ajman, United Arab Emirates
Phone : +971 6 740 0134
Fax : +71 6 748 1153
Email : royalhts@eim.ae
Web : www.royalhydraulics.ae

**DIAMOND SQUARE
TRADING**

Ghala, Muscat Sultanate Of Oman
Phone : +968 71590708, +96891017522
Email : dimondmct@gmail.com



Mac Tubi S.p.A

Via Sacca, 68
43052 Colorno (PR) Italy
Ph. +39 0521 525411
Fax +39 0521 525499
Web: www.mactubi.it
Email: info@mactubi.it

