












● ● ● ● ● ● **Tube bassa pressione / Low pressure hose**

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	<b>206</b>	<b>206</b>	<b>206</b>		<b>TFS0003</b>
	EN 854 - SAE 100 R6 1TE - UniLock	EN 854 - SAE 100 R6 1TE - UniLock	EN 854 - SAE 100 R6 1TE - UniLock		EN 854 SAE 100 R3
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	<b>206</b>	<b>206</b>	<b>206</b>	<b>203</b>	
	EN 854 2TE DIN 20021	EN 854 2TE DIN 20021	EN 854 2TE DIN 20021	EN 854 3TE DIN 20021	

● ● ● ● ● ● **Linea aspirazione / Suction line**

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	SAE 100 R4 Hy-Vacuum	SAE 100 R4 Hy-Vacuum	SAE 100 R4 Hy-Vacuum

Dimensions and general characteristics may be changed at any time without prior notice.

Data contained herein are for information purpose only, and it does not enlarge, amend or imply any warranty other than provided by us with the product  
Any use of the product not in conformance with our instructions may be dangerous.

206

**UniLock** - EN 854 SAE 100 R6 - EN 854 1TE

SL06

**Applicazioni:**

Linee a bassa pressione, linee di ritorno, linee di drenaggio.  
**ATTENZIONE:** Con raccordi della serie UniLock, non utilizzare per impianti frenanti ad aria compressa ed in circuiti sottoposti a forti impulsi di pressione.

**Application:**

Low pressure lines, back lines, drainage lines.  
**ATTENTION:** With UniLock fittings, do not use for brake plants with compressed air or in circuits under strong pressure impulses.

**Specifiche applicabili/Applicable specs.:**  
 SAE 100 R6 - EN 854 1TE

**Tubo interno:** Gomma sintetica resistente agli olii.

**Internal hose:** Oil resistant synthetic rubber.

**Rinforzo:** 1 treccia tessile.

**Reinforcement:** 1 textile braid.

**Copertura esterna:** Gomma sintetica resistente agli olii, carburanti ed agenti atmosferici.

**External covering:** Synthetic rubber, resistant to oils, fuels and atmospheric conditions.

**Fluidi raccomandati:**

Fluidi idraulici derivati dal petrolio, emulsioni acqua-glicole, lubrificanti.

**Recommended fluid:**

Hydraulic fluid petroleum based, glycol-water based, lubricant.

**Temperatura di esercizio:**

da -40 a +100°C continuo  
 +70° per fluidi acquosi

**Operating temperature range:**

from -40 to +100°C continuous  
 +70°C for water based fluids

**Easy line**

part number	ID		size	OD mm	Max WP Std fitting		Max WP UniLock		Min BR		Weight (approx)	
	in	mm			bar	psi	bar	psi	mm	inch	Kg/m	lb/ft
	<b>206R6-03</b>	3/16"	4,8	03	11,1	34	493	-	-	35	1,378	0,100
<b>206R6-04</b>	1/4"	6,4	04	12,7	28	406	18	261	45	1,772	0,122	0,082
<b>206R6-05</b>	5/16"	8,0	05	14,3	28	406	* - on request		65	2,559	0,146	0,098
<b>206R6-06</b>	3/8"	9,5	06	15,9	28	406	18	261	75	2,953	0,164	0,110
<b>206R6-08</b>	1/2"	12,7	08	19,5	28	406	15	218	90	3,543	0,238	0,160
<b>206R6-10</b>	5/8"	16,0	10	23,0	24	348	-	-	115	4,528	0,280	0,188
<b>206R6-12</b>	3/4"	19,0	12	26,6	21	305	15	218	150	5,906	0,340	0,228
** <b>206R6-16</b>	1"	25,4	16	32,8	18	261	12	174	140	5,512	0,465	0,312

\*\* not included in SAE standard

fattore di sicurezza: 4:1

safety factor: 4:1

**Easy line**

Facile assemblaggio – non sono necessari attrezzi o fascette

Easy assembly – no tools or clamps required

**Serie Raccordi**

**Fittings series**



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**UniLock - EN 854 SAE 100 R6 - EN 854 1TE**

CL06

\* Rivestito con Calza Metallica / With steel plated braided sleeve

Hy-COVER™  
line**Applicazioni:**

particolarmente indicato per applicazioni su macchine utensili e industria del vetro.

**Application:**

particularly suitable for applications on tool machines and glass industry.

**Specifiche applicabili/Applicable specs.:**  
SAE 100 R6 - EN 854 1TE

**Tubo interno:** Gomma sintetica resistente agli olii.

**Internal hose:** Oil resistant synthetic rubber.

**Rinforzo:** 1 treccia tessile.

**Reinforcement:** 1 textile braid.

**Copertura esterna:** Gomma sintetica resistente agli olii, carburanti ed agenti atmosferici.

**External covering:** Synthetic rubber, resistant to oils, fuels and atmospheric conditions.

**Fluidi raccomandati:**

Fluidi idraulici derivati dal petrolio, emulsioni acqua-glicole, lubrificanti.

**Recommended fluid:**

Hydraulic fluid petroleum based, glycol-water based, lubricant.

**Temperatura di esercizio:**

da -40 a +100°C continuo

+70° per fluidi acquosi

**Operating temperature range:**

from -40 to +100°C continuous

+70°C for water based fluids

part number	ID		size	OD	Max WP		Min BP		Min BR		Weight (approx)	
	in	mm			bar	psi	bar	psi	mm	inch	Kg/m	lb/ft
	<b>TFC1006-03</b>	3/16"	4,8	03	11,9	34	493	138	2001	51	2,008	0,240
<b>TFC1006-04</b>	1/4"	6,4	04	13,5	28	406	110	1595	64	2,520	0,281	0,189
<b>TFC1006-05</b>	5/16"	8,0	05	15,1	28	406	110	1595	76	2,992	0,324	0,218
<b>TFC1006-06</b>	3/8"	9,5	06	16,7	28	406	110	1595	76	2,992	0,361	0,243
<b>TFC1006-08</b>	1/2"	12,7	08	20,6	28	406	110	1595	102	4,016	0,481	0,323
<b>TFC1006-10</b>	5/8"	16,0	10	23,8	24	348	97	1407	127	5,000	0,561	0,377
<b>TFC1006-12</b>	3/4"	19,0	12	27,6	21	305	83	1204	152	5,984	0,655	0,440
** <b>TFC1006-16</b>	1 "	25,4	16	33,8	18	261	75	1088	140	5,512	0,864	0,581

\*\* not included in SAE standard

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**UniLock - EN 854 SAE 100 R6 - EN 854 1TE**

IL06

\* Rivestito con Calza Acc. Inox / With stainless steel braided sleeve

Hy-COVER™  
line**Applicazioni:**

particolarmente indicato per applicazioni su macchine utensili e industria del vetro.

**Application:**

particularly suitable for applications on tool machines and glass industry.

**Specifiche applicabili/Applicable specs.:**  
SAE 100 R6 - EN 854 1TE**Tubo interno:** Gomma sintetica resistente agli olii.**Internal hose:** Oil resistant synthetic rubber.**Rinforzo:** 1 treccia tessile.**Reinforcement:** 1 textile braid.**Copertura esterna:** Gomma sintetica resistente agli olii, carburanti ed agenti atmosferici.**External covering:** Synthetic rubber, resistant to oils, fuels and atmospheric conditions.**Fluidi raccomandati:**

Fluidi idraulici derivati dal petrolio, emulsioni acqua-glicole, lubrificanti.

**Recommended fluid:**

Hydraulic fluid petroleum based, glycol-water based, lubricant.

**Temperatura di esercizio:**da -40 a +100°C continuo  
+70° per fluidi acquosi**Operating temperature range:**from -40 to +100°C continuous  
+70°C for water based fluids

part number	ID		size	OD	Max WP		Min BP		Min BR		Weight (approx)	
	in	mm			bar	psi	bar	psi	mm	inch	Kg/m	lb/ft
	TFI1006-03	3/16"	4,8	03	11,9	34	493	138	2001	51	2,008	0,252
TFI1006-04	1/4"	6,4	04	13,5	28	406	110	1595	64	2,520	0,295	0,198
TFI1006-05	5/16"	8,0	05	15,1	28	406	110	1595	76	2,992	0,340	0,228
TFI1006-06	3/8"	9,5	06	16,7	28	406	110	1595	76	2,992	0,379	0,255
TFI1006-08	1/2"	12,7	08	20,6	28	406	110	1595	102	4,016	0,505	0,339
TFI1006-10	5/8"	16,0	10	23,8	24	348	97	1407	127	5,000	0,589	0,396
TFI1006-12	3/4"	19,0	12	27,6	21	305	83	1204	152	5,984	0,688	0,462
** TFI1006-16	1 "	25,4	16	33,8	18	261	75	1088	140	5,512	0,907	0,610

\*\* not included in SAE standard

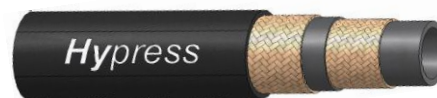
203

EN854 SAE 100 R3

S003

**Applicazioni:**

Linee bassa media pressione e linee di ritorno

**Application:**

Low medium pressure lines and return lines

**Specifiche applicabili/Applicable specs.:**

EN854 SAE 100 R3

**Tubo interno:** Gomma sintetica resistente agli olii.**Internal hose:** Oil resistant synthetic rubber.**Rinforzo:** 2 trecce tessili.**Reinforcement:** 2 textile braids.**Copertura esterna:** Gomma sintetica resistente agli olii, carburanti ed agenti atmosferici.**External covering:** Synthetic rubber, resistant to oils, fuels and atmospheric conditions.**Fluidi raccomandati:**

Fluidi idraulici derivati dal petrolio, emulsioni acqua-glicole, lubrificanti.

**Recommended fluid:**

Hydraulic fluid petroleum based, glycol-water based, lubricant.

**Temperatura di esercizio:**

da -40 a +100°C continuo

+70° per fluidi acquosi

**Operating temperature range:**

from -40 to +100°C continuous

+70°C for water based fluids

part number	ID		size	OD mm	Max WP		Min BP		Min BR		Weight (approx)	
	in	mm			bar	psi	bar	psi	mm	inch	Kg/m	lb/ft
	<b>203R3-03</b>	3/16"	4,8	<b>03</b>	12,7	103	1494	414	6003	76	2,992	0,129
<b>203R3-04</b>	1/4"	6,4	<b>04</b>	14,3	86	1247	345	5003	76	2,992	0,157	0,106
<b>203R3-05</b>	5/16"	8,0	<b>05</b>	17,5	83	1204	331	4800	102	4,016	0,243	0,163
<b>203R3-06</b>	3/8"	9,5	<b>06</b>	19,1	78	1131	310	4495	102	4,016	0,269	0,181
<b>203R3-08</b>	1/2"	12,7	<b>08</b>	23,8	69	1001	276	4002	127	5,000	0,405	0,272
<b>203R3-10</b>	5/8"	16,0	<b>10</b>	27,0	60	870	241	3495	140	5,512	0,483	0,325
<b>203R3-12</b>	3/4"	19,0	<b>12</b>	31,8	52	754	207	3002	152	5,984	0,661	0,444
<b>203R3-16</b>	1 "	25,4	<b>16</b>	38,1	39	566	155	2248	203	7,992	0,829	0,557
<b>203R3-20</b>	1.1/4"	31,8	<b>20</b>	44,5	26	377	103	1494	254	10,000	0,987	0,663

206

EN 854 2TE DIN 20021

c

D02E

**Applicazioni:**

Linee bassa media pressione e linee di ritorno

**Application:**

Low medium pressure lines and return lines

**Specifiche applicabili/Applicable specs.:**

EN 854 2TE - DIN 20021

**Tubo interno:** Gomma sintetica resistente agli olii.**Internal hose:** Oil resistant synthetic rubber.**Rinforzo:** 2 trecce tessili.**Reinforcement:** 2 textile braids.**Copertura esterna:** Gomma sintetica resistente agli olii, carburanti ed agenti atmosferici.**External covering:** Synthetic rubber, resistant to oils, fuels and atmospheric conditions.**Fluidi raccomandati:**

Fluidi idraulici derivati dal petrolio, emulsioni acqua-glicole, lubrificanti.

**Recommended fluid:**

Hydraulic fluid petroleum based, glycol-water based, lubricant.

**Temperatura di esercizio:**

da -40 a +100°C continuo

+70° per fluidi acquosi

**Operating temperature range:**

from -40 to +100°C continuous

+70°C for water based fluids

part number	ID		size	OD mm	Max WP		Min BP		Min BR		Weight (approx)	
	in	mm			bar	psi	bar	psi	mm	inch	Kg/m	lb/ft
	206R6-2TE-03	3/16"	4,8	03	11,8	80	1160	320	4640	35	1,378	0,117
206R6-2TE-04	1/4"	6,4	04	13,4	75	1088	300	4350	40	1,575	0,139	0,093
206R6-2TE-05	5/16"	8,0	05	14,9	68	986	270	3915	50	1,969	0,157	0,106
206R6-2TE-06	3/8"	9,5	06	16,5	63	914	250	3625	60	2,362	0,183	0,123
206R6-2TE-08	1/2"	12,7	08	19,7	58	841	230	3335	70	2,756	0,222	0,149
206R6-2TE-10	5/8"	16,0	10	23,9	50	725	200	2900	90	3,543	0,316	0,212
206R6-2TE-12	3/4"	19,0	12	27,0	45	653	180	2610	110	4,331	0,370	0,249
206R6-2TE-16	1"	25,4	16	34,4	40	580	160	2320	130	5,118	0,547	0,368

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**EN 854 2TE DIN 20021**

C

C02E

\* Rivestito con Calza Metallica / With steel plated braided sleeve

**Applicazioni:**

particolarmente indicato per applicazioni su macchine utensili e industria del vetro.

**Application:**

particularly suitable for applications on tool machines and glass industry.

**Tubo interno:** Gomma sintetica resistente agli olii.

**Internal hose:** Oil resistant synthetic rubber.

**Rinforzo:** 2 trecce tessili.

**Reinforcement:** 2 textile braids.

**Copertura esterna:** Gomma sintetica resistente agli olii, carburanti ed agenti atmosferici.

**External covering:** Synthetic rubber, resistant to oils, fuels and atmospheric conditions.



**Specifiche applicabili/Applicable specs.:**  
EN 854 2TE - DIN 20021

**Fluidi raccomandati:**

Fluidi idraulici derivati dal petrolio, emulsioni acqua-glicole, lubrificanti.

**Recommended fluid:**

Hydraulic fluid petroleum based, glycol-water based, lubricant.

**Temperatura di esercizio:**

da -40 a +100°C continuo  
+70° per fluidi acquosi

**Operating temperature range:**

from -40 to +100°C continuous  
+70°C for water based fluids

part number	ID		size	OD	Max WP		Min BP		Min BR		Weight (approx)	
	in	mm			bar	psi	bar	psi	mm	inch	Kg/m	lb/ft
	<b>TFC02TE-03</b>	3/16"	4,8	03	12,6	80	1160	320	4640	35	1,378	0,266
<b>TFC02TE-04</b>	1/4"	6,4	04	14,2	75	1088	300	4350	40	1,575	0,307	0,206
<b>TFC02TE-05</b>	5/16"	8,0	05	15,7	68	986	270	3915	50	1,969	0,342	0,230
<b>TFC02TE-06</b>	3/8"	9,5	06	17,3	63	914	250	3625	60	2,362	0,387	0,260
<b>TFC02TE-08</b>	1/2"	12,7	08	20,5	58	841	230	3335	70	2,756	0,464	0,312
<b>TFC02TE-10</b>	5/8"	16,0	10	24,7	50	725	200	2900	90	3,543	0,607	0,408
<b>TFC02TE-12</b>	3/4"	19,0	12	28,0	45	653	180	2610	110	4,331	0,700	0,470
<b>TFC02TE-16</b>	1 "	25,4	16	35,4	40	580	160	2320	130	5,118	0,965	0,648

206

**EN 854 2TE DIN 20021**

C

I02E

\* Rivestito con Calza Acc. Inox / With stainless steel braided sleeve

**Applicazioni:**

particolarmente indicato per applicazioni su macchine utensili e industria del vetro.

**Application:**

particularly suitable for applications on tool machines and glass industry.

**Tubo interno:** Gomma sintetica resistente agli olii.

**Internal hose:** Oil resistant synthetic rubber.

**Rinforzo:** 2 trecce tessili.

**Reinforcement:** 2 textile braids.

**Copertura esterna:** Gomma sintetica resistente agli olii, carburanti ed agenti atmosferici.

**External covering:** Synthetic rubber, resistant to oils, fuels and atmospheric conditions.

Hy-COVER™  
line**Specifiche applicabili/Applicable specs.:**

EN 854 2TE - DIN 20021

**Fluidi raccomandati:**

Fluidi idraulici derivati dal petrolio, emulsioni acqua-glicole, lubrificanti.

**Recommended fluid:**

Hydraulic fluid petroleum based, glycol-water based, lubricant.

**Temperatura di esercizio:**

da -40 a +100°C continuo

+70° per fluidi acquosi

**Operating temperature range:**

from -40 to +100°C continuous

+70°C for water based fluids

part number	ID		size	OD	Max WP		Min BP		Min BR		Weight (approx)	
	in	mm			bar	psi	bar	psi	mm	inch	Kg/m	lb/ft
	<b>TFI02TE-03</b>	3/16"	4,8	03	12,6	80	1160	320	4640	35	1,378	0,279
<b>TFI02TE-04</b>	1/4"	6,4	04	14,2	75	1088	300	4350	40	1,575	0,322	0,216
<b>TFI02TE-05</b>	5/16"	8,0	05	15,7	68	986	270	3915	50	1,969	0,359	0,241
<b>TFI02TE-06</b>	3/8"	9,5	06	17,3	63	914	250	3625	60	2,362	0,406	0,273
<b>TFI02TE-08</b>	1/2"	12,7	08	20,5	58	841	230	3335	70	2,756	0,487	0,327
<b>TFI02TE-10</b>	5/8"	16,0	10	24,7	50	725	200	2900	90	3,543	0,637	0,428
<b>TFI02TE-12</b>	3/4"	19,0	12	28,0	45	653	180	2610	110	4,331	0,735	0,494
<b>TFI02TE-16</b>	1"	25,4	16	35,4	40	580	160	2320	130	5,118	1,013	0,681



203

EN 854 3TE DIN 20021

c

D03E

**Applicazioni:**

Linee bassa media pressione e linee di ritorno

**Application:**

Low medium pressure lines and return lines

**Specifiche applicabili/Applicable specs.:**

EN 854 3TE - DIN 20021

**Tubo interno:** Gomma sintetica resistente agli olii.**Internal hose:** Oil resistant synthetic rubber.**Rinforzo:** 2 trecce tessili.**Reinforcement:** 2 textile braids.**Copertura esterna:** Gomma sintetica resistente agli olii, carburanti ed agenti atmosferici.**External covering:** Synthetic rubber, resistant to oils, fuels and atmospheric conditions.**Fluidi raccomandati:**

Fluidi idraulici derivati dal petrolio, emulsioni acqua-glicole, lubrificanti.

**Recommended fluid:**

Hydraulic fluid petroleum based, glycol-water based, lubricant.

**Temperatura di esercizio:**

da -40 a +100°C continuo

+70° per fluidi acquosi

**Operating temperature range:**

from -40 to +100°C continuous

+70°C for water based fluids

part number	ID		size	OD mm	Max WP		Min BP		Min BR		Weight (approx)	
	in	mm			bar	psi	bar	psi	mm	inch	Kg/m	lb/ft
	203R3-3TE-03	3/16"	4,8	03	12,8	160	2320	640	9280	40	1,575	0,129
203R3-3TE-04	1/4"	6,4	04	14,4	145	2103	580	8410	45	1,772	0,153	0,103
203R3-3TE-05	5/16"	8,0	05	16,9	130	1885	520	7540	55	2,165	0,210	0,141
203R3-3TE-06	3/8"	9,5	06	18,5	110	1595	440	6380	70	2,756	0,241	0,162
203R3-3TE-08	1/2"	12,7	08	21,7	93	1349	370	5365	85	3,346	0,299	0,201
203R3-3TE-10	5/8"	16,0	10	25,9	80	1160	320	4640	105	4,134	0,405	0,272
203R3-3TE-12	3/4"	19,0	12	29,0	70	1015	280	4060	130	5,118	0,470	0,316
203R3-3TE-16	1 "	25,4	16	35,9	55	798	220	3190	150	5,906	0,633	0,425
203R3-3TE-20	1.1/4"	31,8	20	42,3	45	653	180	2610	190	7,480	0,774	0,520
203R3-3TE-24	1.1/2"	38,1	24	49,6	40	580	160	2320	240	9,449	0,973	0,654
203R3-3TE-32	2 "	50,8	32	62,3	33	479	130	1885	300	11,811	1,246	0,837

204

**HY-VACUUM - SAE 100 R4**

C

S004

**Applicazioni:**

Linee di ritorno e linee aspirazione

**Application:**

Return and suction lines

**CARATTERISTICHE:** Resistente al vuoto in accordo alla normativa SAE 100 R4  
**FEATURE:** Vacuum resistant according to SAE 100 R4

**Tubo interno:** Gomma sintetica resistente agli olii.**Internal hose:** Oil resistant synthetic rubber.**Rinforzo:** 2 trecce tessili + 1 spirale.**Reinforcement:** 2 textile braids + 1 spiral braid.**Copertura esterna:** Gomma sintetica resistente agli olii, carburanti ed agenti atmosferici.**External covering:** Synthetic rubber, resistant to oils, fuels and atmospheric conditions.

**Specifiche applicabili/Applicable specs.:**  
SAE 100 R4

**Fluidi raccomandati:**

Fluidi idraulici derivati dal petrolio, emulsioni acqua-glicole, lubrificanti.

**Recommended fluid:**

Hydraulic fluid petroleum based, glycol-water based, lubricant.

**Temperatura di esercizio:**

da -40 a +100°C continuo

+70° per fluidi acquosi

**Operating temperature range:**

from -40 to +100°C continuous

+70°C for water based fluids

part number	ID		size	OD mm	Max WP		Min BP		Min BR		Weight (approx)	
	in	mm			bar	psi	bar	psi	mm	inch	Kg/m	lb/ft
	** 204R4-08	1/2"	13,0	08	23,0	10	145	30	435	80	3,150	0,030
** 204R4-10	5/8"	16,0	10	26,0	10	145	30	435	95	3,740	0,033	0,022
204R4-12	3/4"	19,0	12	32,0	21	305	84	1218	125	4,921	0,725	0,487
** 204R4-14	7/8"	22,0	14	32,0	10	145	30	435	130	5,118	0,042	0,028
204R4-16	1 "	25,4	16	38,0	17	247	70	1015	150	5,906	0,896	0,602
** 204R4-18	1.3/16"	30,0	19	42,0	10	145	30	435	180	7,087	0,067	0,045
204R4-20	1.1/4"	31,8	20	45,0	14	203	56	812	200	7,874	1,131	0,760
** 204R4-22	1.3/8"	35,0	22	47,0	10	145	30	435	210	8,268	0,054	0,036
204R4-24	1.1/2"	38,1	24	52,0	10	145	42	609	254	10,000	1,435	0,964
** 204R4-26	1.9/16"	40,0	25	52,0	7	102	21	305	240	9,449	0,063	0,042
** 204R4-27	1.21/32"	42,0	27	55,0	7	102	21	305	255	10,039	0,076	0,051
** 204R4-28	1.3/4"	45,0	28	58,0	7	102	21	305	270	10,630	0,085	0,057
204R4-32	2 "	50,8	32	64,0	7	102	28	406	305	12,008	1,861	1,251
** 204R4-39	2.3/8"	60,0	38	74,0	4	58	17	247	360	14,173	0,101	0,068
204R4-40	2.1/2"	63,5	40	77,0	4	58	17	247	355	13,976	2,210	1,485
** 204R4-44	2.3/4"	70,0	44	85,0	4	58	16	232	420	16,535	0,132	0,089
204R4-48	3 "	76,2	48	90,0	4	58	16	232	457	17,992	2,703	1,816
** 204R4-50	3.1/8"	80,0	50	95,0	3	44	13	189	480	18,898	0,163	0,110
204R4-56	3.1/2"	88,9	56	103,0	3	44	12,5	181	530	20,866	3,249	2,183
204R4-64	4 "	101,6	64	116,0	2,5	36	10	145	610	24,016	3,900	2,621

\*\* not included in SAE standard

204

**HY-VACUUM - SAE 100 R4**

C

C004

\* Rivestito con Calza Metallica / With steel plated braided sleeve

**Applicazioni:**

particolarmente indicato per applicazioni su macchine utensili e industria del vetro.

**Application:**

particularly suitable for applications on tool machines and glass industry.

**CARATTERISTICHE:** Resistente al vuoto in accordo alla normativa SAE 100 R4  
**FEATURE:** Vacuum resistant according to SAE 100 R4

**Tubo interno:** Gomma sintetica resistente agli olii.

**Internal hose:** Oil resistant synthetic rubber.

**Rinforzo:** 2 trecce tessili + 1 spirale.

**Reinforcement:** 2 textile braids + 1 spiral braid.

**Copertura esterna:** Gomma sintetica resistente agli olii, carburanti ed agenti atmosferici.

**External covering:** Synthetic rubber, resistant to oils, fuels and atmospheric conditions.



**Specifiche applicabili/Applicable specs.:**  
SAE 100 R4

**Fluidi raccomandati:**

Fluidi idraulici derivati dal petrolio, emulsioni acqua-glicole, lubrificanti.

**Recommended fluid:**

Hydraulic fluid petroleum based, glycol-water based, lubricant.

**Temperatura di esercizio:**

da -40 a +100°C continuo

+70° per fluidi acquosi

**Operating temperature range:**

from -40 to +100°C continuous

+70°C for water based fluids

part number	ID		size	OD	Max WP		Min BP		Min BR		Weight (approx)	
	in	mm			bar	psi	bar	psi	mm	inch	Kg/m	lb/ft
	** TFC0004-08	1/2"	13,0	08	23,0	10	145	30	435	80	3,150	0,030
** TFC0004-10	5/8"	16,0	10	26,0	10	145	30	435	95	3,740	0,033	0,022
TFC0004-12	3/4"	19,0	12	32,0	21	305	84	1218	125	4,921	0,725	0,487
** TFC0004-14	7/8"	22,0	14	32,0	10	145	30	435	130	5,118	0,042	0,028
TFC0004-16	1 "	25,4	16	38,0	17	247	70	1015	150	5,906	0,896	0,602
** TFC0004-19	1.3/16"	30,0	19	42,0	10	145	30	435	180	7,087	0,067	0,045
TFC0004-20	1.1/4"	31,8	20	45,0	14	203	56	812	200	7,874	1,131	0,760
** TFC0004-22	1.3/8"	35,0	22	47,0	10	145	30	435	210	8,268	0,054	0,036
TFC0004-24	1.1/2"	38,1	24	52,0	10	145	42	609	254	10,000	1,435	0,964
** TFC0004-25	1.9/16"	40,0	25	52,0	7	102	21	305	240	9,449	0,063	0,042
** TFC0004-27	1.21/32"	42,0	27	55,0	7	102	21	305	255	10,039	0,076	0,051
** TFC0004-28	1.3/4"	45,0	28	58,0	7	102	21	305	270	10,630	0,085	0,057
TFC0004-32	2 "	50,8	32	64,0	7	102	28	406	305	12,008	1,861	1,251
** TFC0004-38	2.3/8"	60,0	38	74,0	4	58	17	247	360	14,173	0,101	0,068
TFC0004-40	2.1/2"	63,5	40	77,0	4	58	17	247	355	13,976	2,210	1,485
** TFC0004-44	2.3/4"	70,0	44	85,0	4	58	16	232	420	16,535	0,132	0,089
TFC0004-48	3 "	76,2	48	90,0	4	58	16	232	457	17,992	2,703	1,816
** TFC0004-50	3.1/8"	80,0	50	95,0	3	44	13	189	480	18,898	0,163	0,110
TFC0004-56	3.1/2"	88,9	56	103,0	3	44	12,5	181	530	20,866	3,249	2,183
TFC0004-64	4 "	101,6	64	116,0	2,5	36	10	145	610	24,016	3,900	2,621

\*\* not included in SAE standard

204

**HY-VACUUM - SAE 100 R4**

C

1004

\* Rivestito con Calza Acc. Inox / With stainless steel braided sleeve

**Applicazioni:**

particolarmente indicato per applicazioni su macchine utensili e industria del vetro.

**Application:**

particularly suitable for applications on tool machines and glass industry.

**CARATTERISTICHE:** Resistente al vuoto in accordo alla normativa SAE 100 R4  
**FEATURE:** Vacuum resistant according to SAE 100 R4

**Tubo interno:** Gomma sintetica resistente agli olii.

**Internal hose:** Oil resistant synthetic rubber.

**Rinforzo:** 2 trecce tessili + 1 spirale.

**Reinforcement:** 2 textile braids + 1 spiral braid.

**Copertura esterna:** Gomma sintetica resistente agli olii, carburanti ed agenti atmosferici.

**External covering:** Synthetic rubber, resistant to oils, fuels and atmospheric conditions.



**Specifiche applicabili/Applicable specs.:**  
SAE 100 R4

**Fluidi raccomandati:**

Fluidi idraulici derivati dal petrolio, emulsioni acqua-glicole, lubrificanti.

**Recommended fluid:**

Hydraulic fluid petroleum based, glycol-water based, lubricant.

**Temperatura di esercizio:**

da -40 a +100°C continuo

+70° per fluidi acquosi

**Operating temperature range:**

from -40 to +100°C continuous

+70°C for water based fluids

part number	ID		size	OD	Max WP		Min BP		Min BR		Weight (approx)	
	in	mm			bar	psi	bar	psi	mm	inch	Kg/m	lb/ft
	** TFI0004-08	1/2"	13,0	08	23,0	10	145	30	435	80	3,150	0,030
** TFI0004-10	5/8"	16,0	10	26,0	10	145	30	435	95	3,740	0,033	0,022
TFI0004-12	3/4"	19,0	12	32,0	21	305	84	1218	125	4,921	0,725	0,487
** TFI0004-14	7/8"	22,0	14	32,0	10	145	30	435	130	5,118	0,042	0,028
TFI0004-16	1 "	25,4	16	38,0	17	247	70	1015	150	5,906	0,896	0,602
** TFI0004-19	1.3/16"	30,0	19	42,0	10	145	30	435	180	7,087	0,067	0,045
TFI0004-20	1.1/4"	31,8	20	45,0	14	203	56	812	200	7,874	1,131	0,760
** TFI0004-22	1.3/8"	35,0	22	47,0	10	145	30	435	210	8,268	0,054	0,036
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** TFI0004-25	1.9/16"	40,0	25	52,0	7	102	21	305	240	9,449	0,063	0,042
** TFI0004-27	1.21/32"	42,0	27	55,0	7	102	21	305	255	10,039	0,076	0,051
** TFI0004-28	1.3/4"	45,0	28	58,0	7	102	21	305	270	10,630	0,085	0,057
TFI0004-32	2 "	50,8	32	64,0	7	102	28	406	305	12,008	1,861	1,251
** TFI0004-38	2.3/8"	60,0	38	74,0	4	58	17	247	360	14,173	0,101	0,068
TFI0004-40	2.1/2"	63,5	40	77,0	4	58	17	247	355	13,976	2,210	1,485
** TFI0004-44	2.3/4"	70,0	44	85,0	4	58	16	232	420	16,535	0,132	0,089
TFI0004-48	3 "	76,2	48	90,0	4	58	16	232	457	17,992	2,703	1,816
** TFI0004-50	3.1/8"	80,0	50	95,0	3	44	13	189	480	18,898	0,163	0,110
TFI0004-56	3.1/2"	88,9	56	103,0	3	44	12,5	181	530	20,866	3,249	2,183
TFI0004-64	4 "	101,6	64	116,0	2,5	36	10	145	610	24,016	3,900	2,621

\*\* not included in SAE standard