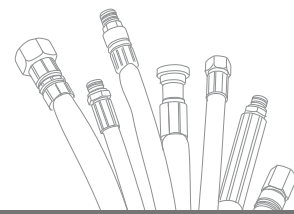


# Hydro INTER

*Hydraulic & Industrial Hose Manufacturer*



# HYDRAULIC HOSE



## HOW TO USE THIS CATALOG

### SYMBOLS

Wondering about the symbols we use? An explanation of the symbols and their meaning can be found right.

### CONTEST

You will find all detail to in contests. If you want to search quickly you must use contest.

### CODE













You will see some code, that are international code and you will mean product detail in this code.

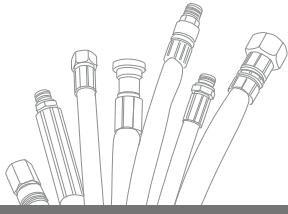
### CONFICATION

On the product table has got all technical detail. In table has got pressure detail, size and diameter

### CONTACT & OFFER

When you choose some product and you want to buy or ask detail you must use contact detail.

	Part Number		Minimum Bend Radius		Field Attachable Fitting
	Hose Inner Diameter (I.D.)		Weight		Thread Size
	Hose Outer Diameter (O.D.)		Vacuum Rating		Diameter
	Working Pressure		Parkrimp Fitting		Flange End

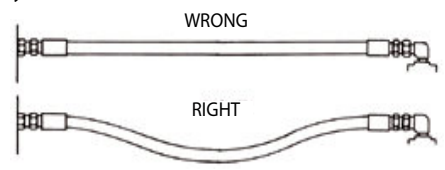


# HydroINTER

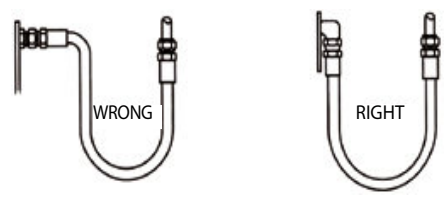
## CORRECT HOSE INSTALLATION

Satisfactory performance and appearance depend upon proper hose installation. Excessive length destroys the trim appearance of an installation and adds unnecessarily to the cost of the equipment. Hose assemblies of insufficient length to permit adequate flexing, expansion or contraction will cause poor power transmission and shorten the life of the hose.

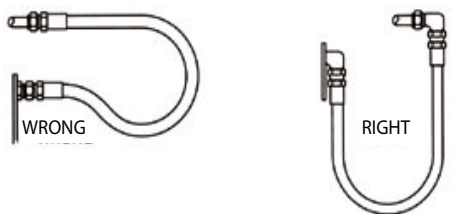
The diagrams below offer suggestions for proper hose installations to obtain the maximum in performance and economy.



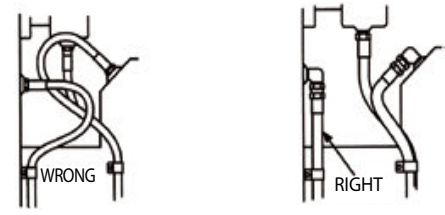
Since hose may change in length from +2% to -4% under the surge of high pressure, provide sufficient slack for expansion and contraction.



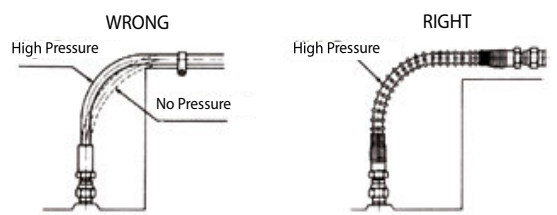
Avoid sharp twist or bend in hose by using proper angle adapters.



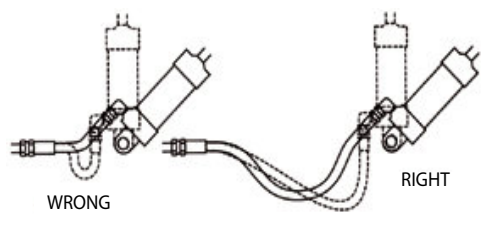
Where the radius falls below the required minimum, an angle adapter should be used as shown above to avoid sharp bends in hose.



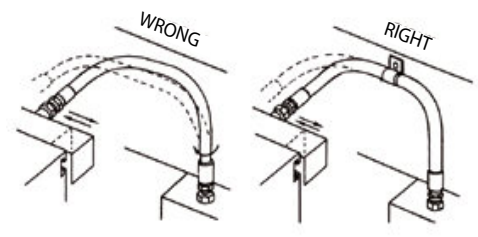
Obtain direct routing of hose through use of 45° and 90° adapters and fittings. Improve appearance by avoiding excessive hose length.



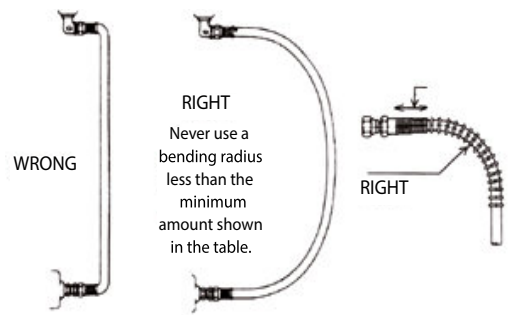
Due to changes in length when hose is pressurised, do not clamp at bends so curves absorb changes and protect the hose with a spring guard. Do not clamp high and low pressure lines together and protect the hose with a spring guard.



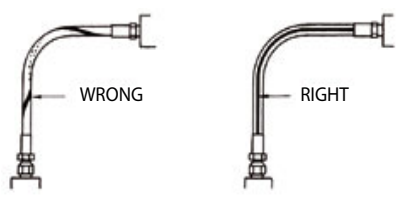
Adequate hose length is most important to distribute movement on flexing applications and to avoid abrasion.



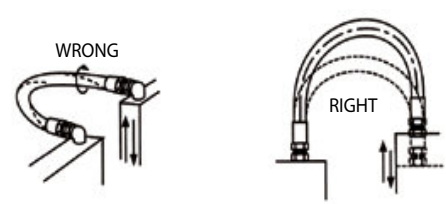
To avoid twisting in hose lines bent in two planes, clamp hose at change of plane, as shown.



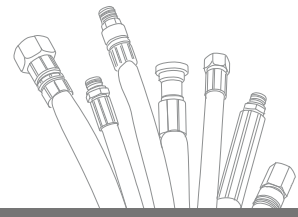
To prevent twisting and distortion, hose should be bent in the same plane as the motion of the boss to which the hose is connected.



Hose should not be twisted. Hose is weakened when installed in twisted position. Also pressure in twisted hose tends to loosen fitting connections. Design so that machine motion produces bending rather than twisting.



Never use a bending radius less than the minimum shown in the hose specification tables. Avoid sharp bend in hose to reduce collapsing of line and restriction of flow by using proper spring guard. Exceeding minimum bend radius will greatly reduce hose assembly life.



**Why hydraulic hose?** The use of hydraulic machinery gained acceptance in the early 1940s. Around this time, engineers discovered that hydraulic systems needed only minimal space and weight requirements to produce high power output, and these self-lubricating systems protected the metal pipe and tube conductors from rusting.

Eventually, hydraulic hose replaced the metal pipe and tube conductors of these early systems. The rust-resistant hoses were easier to route and install and they added flexibility to moving parts. The hoses were also able to absorb the shock and vibration that typically broke metal tube conductors and could withstand the constant pulsating of hydraulic pumps pushing fluid throughout the system many times per second.

Today, hydraulic hose is the most widely used means of power transmission in the world and can be found almost anywhere. Farm machinery, trucks, buses and virtually all types of earth moving equipment use hydraulic hoses.

## Where hydraulic hose is used

### Oil & Gas Drilling



Oil & Gas Drilling Rigs

### Agricultural Equipment



Combines/Harvesters



Midsize to Large Tractors



Lawn & Garden Tractors

### Construction Equipment



Loaders



Hauler Trucks



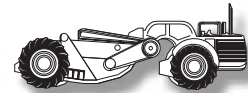
Cement Trucks



Dozers/Crawlers



Rollers



Scrapers



Excavators



Backhoes

### Mining Equipment



Dozers/Crawlers



Hauler Trucks



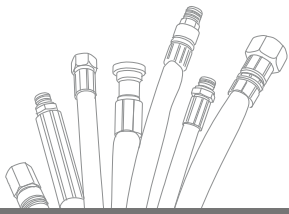
Excavators

### Manufacturing Maintenance, Repair, Operations



Fork Lifts

Machine Tools  
Injection Molders  
Presses  
Roof Supports



### LOW PRESSURE HOSE

<b>6-9</b>	<b>LOW PRESSURE HOSE</b>	R3 EN 854, R4 SAE 100 ,R4E SAE 100 ,R6 SAE 100
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### MEDIUM PRESSURE HOSE

<b>12-18</b>	<b>MEDIUM PRESSURE HOSE</b>	R1 A SAE 100, R1 AT SAE 100 , R2 A SAE 100, R2 AT SAE 100, 1 SC DIN EN 857 , 2 SC DIN EN 857 , R5 SAE J 517
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### HIGH PRESSURE HOSE

<b>20-26</b>	<b>HIGH PRESSURE HOSE</b>	R9 4 SP EN 856, R9 4 SH EN 856, R12 SAE100, R13 SAE100 R15 SAE 100, R16 SAE 100, R17 SAE 100,
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### LOW PRESSURE HOSE



### MEDIUM PRESSURE HOSE

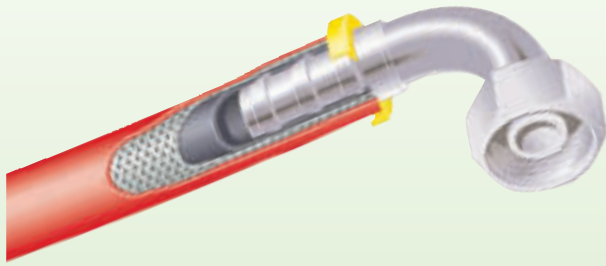


### HIGH PRESSURE HOSE

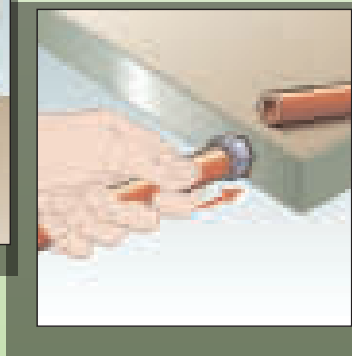


# Low Pressure Hose

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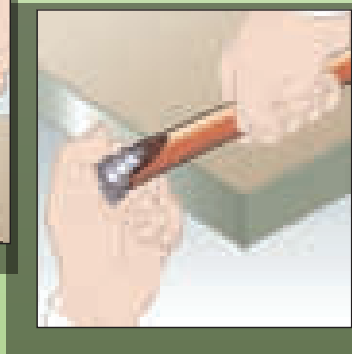
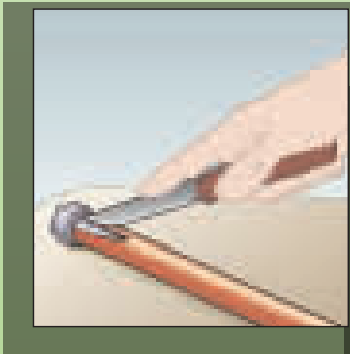


– a high quality low pressure hose system approved world-wide



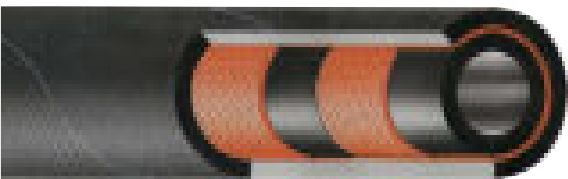
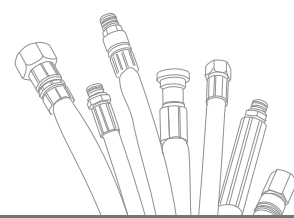
## assembly

- Cut the hose with a sharp knife
- Push the nipple into the hose – that's all!



## disassembly

- Cut lengthwise along a line at approximately a 20° angle from centre line of hose. The cut should be approximately 2 cm long. Be careful not to nick barbs when cutting the hose.
- Low pr. hose and give a sharp downward tug to disengage from fitting.
- Before re-using the nipple please check it for any damage.



## R3 EN 854

LOW PRESSURE

Dash Size	ID		OD	WP		BP		VACUUM	BR/r	W	L
	inch	mm	mm	bar	psi	bar	psi	bar	mm	g/m	m
-03	3/16"	4.8	12.8	160	2320	640	9280	-0.80	40	135	>10
-04	1/4"	6.4	14.4	145	2103	580	8410	-0.80	45	165	>10
-05	5/16"	8	16.9	130	1885	520	7540	-0.80	55	215	>10
-06	3/8"	9.5	18.5	110	1595	440	6380	-0.80	70	240	>10
-08	1/2"	12.7	21.7	93	1349	372	5394	-0.80	85	295	>10
-10	5/8"	16	25.9	80	1160	320	4640	-0.80	105	400	>10
-12	3/4"	19	29	70	1015	280	4060	-0.60	130	455	>10
-16	1"	25.4	35.9	55	798	220	3190	-0.60	150	610	>10
-20	1 1/4"	31.8	42.3	45	653	180	2610	-0.60	190	745	>10
-24	1 1/2"	38.1	49.6	40	580	160	2320	-	240	950	>10
-32	2"	50.8	62.3	33	480	132	1915	-	300	1265	max. 46
-38	2 3/8"	60	72	25	363	100	1450	-	400	1535	max. 46
-50	3 1/8"	80	94	18	260	72	1045	-	500	1980	max. 46
-63	3 15/16"	100	116	10	145	40	580	-	600	2645	max. 46



TUBE : HYDRAULIC OIL RESISTANT SPECIAL SYNTHETIC RUBBER.  
 REINFORCEMENT : 2 HIGH TENSILE SYNTHETIC TEXTILE BRAID.  
 COVER : OIL, ABRASION, OZONE AND WEATHER RESISTANT SPECIAL SYNTHETIC RUBBER.  
 APPLICATION : FOR HYDRAULIC CONTROL LINES, DISCHARGE UNDER MEDIUM PRESSURE OF HYDRAULIC FLUIDS, FUEL OIL, GREASE, AIR AND WATER.



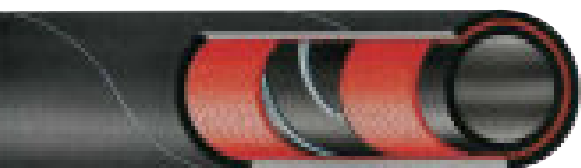
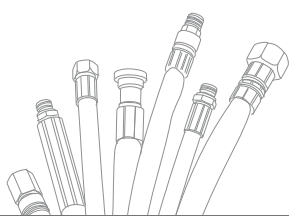
TUBE : CAOUTCHOUC SPECIAL SYNTHETIQUE RESISTANT AUX HUILES HYDRAULIQUES.  
 REINFORCEMENT : 2 TRESSSES TEXTILE TRES RESISTANTES.  
 REVETEMENT : CAOUTCHOUC SPECIAL SYNTHETIQUE RESISTANTE A L'OZONE, AUX HUILES, CARBURANTS ET AGENTS ATMOSPHERIQUES.  
 APPLICATION : POUR LE PASSAGE A PRESSION MOYENNE DES HUILES HYDRAULIQUES, D'HUILES MINERALES, EAU, AIR, HYDROCARBURES ETC.



SEELE : SPEZIELLES SYNTETHISCHES GUMMI, BESTÄNDIG GEGEN HYDRAULIKÖLE  
 EINLAGE : 2 HOCHZUGFESTE, SYNTHETISCHE TEXTILGEFLECHTE  
 DECKE : SYNTHETISCHES GUMMI, ÖL-, OZON- UND WITTERUNGSBESTÄNDIG  
 ANWENDUNG : GEEIGNET ALS MITTELDRUCKSCHLAUCH FÜR HYDRAULIK-, HEIZ- UND MINERALÖLE, SCHMIERFETT, WASSER UND LUFT



SOTTOSTRATO : GOMMA SPECIALE SINTETICA RESISTENTE AGLI OLI IDRAULICI.  
 RINFORZO : 2 TRECCE TESSILI AD ALTA TENACITÀ.  
 COPERTURA : GOMMA SPECIALE SINTETICA RESISTENTE AGLI OLI, OZONO, ABRASIONE ED AGENTI ATMOSFERICI.  
 IMPIEGO : PER PASSAGGIO A MEDIA PRESSIONE DEI FLUIDI IDRAULICI A BASE DI OLI MINERALI, GREGGIO, ACQUA ED ARIA COMPRESSA, ETC.



## R4 SAE 100

LOW PRESSURE

Dash Size	ID		OD	WP		BP		VACUUM	BR/r	W	L
	inch	mm	mm	bar	psi	bar	psi	bar	mm	g/m	m
-12	3/4"	19	32	21	305	84	1218	-0.80	127	725	40-46-61
-16	1"	25.4	37.4	17	247	68	986	-0.80	152	847	40-46-61
-20	1 1/4"	31.8	45	14	203	56	812	-0.80	203	1118	40-46-61
-24	1 1/2"	38.1	52	10	145	40	580	-0.80	254	1454	40-46-61
-28	1 3/4"	44.5	58	10	140	40	580	-0.80	275	1665	40-46-61
-32	2"	50.8	64	7	102	28	406	-0.80	305	1837	40-46-61
-40	2 1/2"	63.5	77	4	58	16	232	-0.80	356	2310	40-46-61
-48	3"	76.2	90	4	58	16	232	-0.80	457	2852	40-46-61
-56	3 1/2"	88.9	103	3	44	12	174	-0.80	533	3106	40-46-61
-64	4"	101.6	116	2	29	8	116	-0.80	610	3819	40-46-61



TUBE : HYDRAULIC OIL RESISTANT SPECIAL NBR RUBBER  
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE AND STEEL WIRE HELIX.  
 COVER : OIL, HEAT, ABRASION, OZONE AND WEATHER RESISTANT SPECIAL CR RUBBER.  
 APPLICATION : IN OIL RETURN LINES OF HYDRAULIC SYSTEMS OF INDUSTRIAL AND AGRICULTURAL APPLICATIONS.



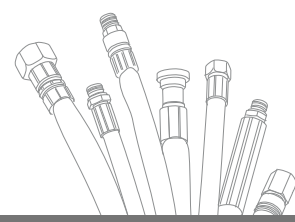
TUBE : CAOUTCHOUC SPECIAL NBR RESISTANT AUX HUILES HYDRAULIQUES.  
 REINFORCEMENT : INSERTION TEXTILE HAUTE TENACITE, SPIRALE EN ACIER NOYEE  
 REVETEMENT : CAOUTCHOUC SPECIAL EN CR RESISTANTE A L'OZONE, AUX HUILES, CARBURANTS ET AGENTS ATMOSPHERIQUES.  
 APPLICATION : POUR ASPIRATION ET REFOULEMENT D'HUILE DANS LES SYSTEMES HYDRAULIQUES.



SEELE : SPEZIELLES NBR GUMMI, BESTÄNDIG GEGEN HYDRAULIKÖLE  
 EINLAGE : HOCHZUGFESTE, SYNTHETISCHE TEXTILEINLAGEN MIT ZUSÄTZLICHER STAHLDRAHTSPIRALE  
 DECKE : SPEZIELLES CR GUMMI, ÖL-, ABRIEB- UND WITTERUNGSBESTÄNDIG  
 ANWENDUNG : GEEIGNET ALS S/D SCHLAUCH FÜR MINERALÖLE IN DER INDUSTRIE UND ALS ÖLRÜCKLAUFSCHLAUCH FÜR LANDWIRTSCHAFTSMASCHINEN




SOTTOSTRATO : GOMMA IN NBR, RESISTENTE AGLI OLI IDRAULICI.  
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ CON SPIRALE METALLICA.  
 COPERTURA : GOMMA SPECIALE IN CR, RESISTENTE AGLI OLI, ALL'OZONO, ALL'ABRASIONE ED AGLI AGENTI ATMOSFERICI.  
 IMPIEGO : MANDATA ED ASPIRAZIONE DEI FLUIDI IDRAULICI A BASE DEGLI OLI MINERALI PER CIRCUITI OLEODINAMICI.





## R4E SAE 100


LOW PRESSURE

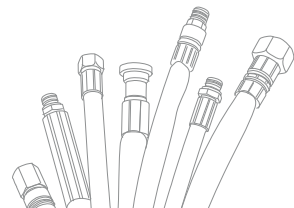
Dash Size	ID		OD	WP		BP		VACUUM	BR/r	W	L
	inch	mm	mm	bar	psi	bar	psi	bar	mm	g/m	m
-12	3/4"	19	29	21	305	84	1218	-0.80	70	549	40-46-61
-16	1"	25.4	35	17	247	68	986	-0.80	90	665	40-46-61
-20	1 1/4"	31.8	42	14	203	56	812	-0.80	115	848	40-46-61
-24	1 1/2"	38.1	49	10	145	40	580	-0.80	140	1165	40-46-61
-28	1 3/4"	44.5	56	10	145	40	580	-0.80	175	1386	40-46-61
-32	2"	50.8	62	7	102	28	406	-0.80	215	1628	40-46-61
-40	2 1/2"	63.5	75.5	4	58	16	232	-0.80	285	2032	40-46-61
-48	3"	76.2	88	4	58	16	232	-0.80	360	2516	40-46-61
-56	3 1/2"	88.9	103	3	44	12	174	-0.80	445	3158	40-46-61
-64	4"	101.6	115	2	29	8	116	-0.80	510	3639	40-46-61

 TUBE : HYDRAULIC OIL RESISTANT SPECIAL SYNTHETIC RUBBER  
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE AND STEEL WIRE HELIX.  
 COVER : OIL, HEAT, ABRASION, OZONE AND WEATHER RESISTANT SPECIAL SYNTHETIC RUBBER.  
 APPLICATION : IN OIL RETURN LINES OF HYDRAULIC SYSTEMS OF INDUSTRIAL AND AGRICULTURAL APPLICATIONS.

 TUBE : CAOUTCHOUC SPECIAL SYNTHETIQUE RESISTANT AUX HUILES HYDRAULIQUES.  
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE, SPIRALE EN ACIER NOYEE  
 REVETEMENT : CAOUTCHOUC SPECIAL SYNTHETIQUE RESISTANTE A L'OZONE, AUX HUILES, CARBURANTS ET AGENTS ATMOSPHERIQUES.  
 APPLICATION : POUR ASPIRATION ET REFOULEMENT D'HUILE DANS LES SYSTEMES HYDRAULIQUES.

 SEELE : SPEZIELLES SYNTHETISCHES GUMMI, BESTÄNDIG GEGEN HYDRAULIKÖLE  
 EINLAGE : HOCHZUGFESTE, SYNTHETISCHE TEXTILEINLAGEN MIT ZUSÄTZLICHER STAHLDRAHTSPIRALE  
 DECKE : SPEZIELLES SYNTHETISCHES GUMMI, ÖL-, OZON- UND WITTERUNGSBESTÄNDIG  
 ANWENDUNG : GEEIGNET ALS S/D SCHLAUCH FÜR MINERALÖLE IN DER INDUSTRIE UND ALS ÖLRÜCKLAUFSCHLAUCH FÜR LANDWIRTSCHAFTSMASCHINEN

 SOTTOSTRATO : GOMMA NERA ,RESISTENTE AGLI OLI IDRAULICI.  
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ CON SPIRALE METALLICA.  
 COPERTURA : GOMMA SPECIALE SINTETICA ,RESISTENTE AGLI OLI, ALL'OZONO, ALL'ABRASIONE ED AGLI AGENTI ATMOSFERICI.  
 IMPIEGO : MANDATA ED ASPIRAZIONE DEI FLUIDI IDRAULICI A BASE DEGLI OLI MINERALI PER CIRCUITI OLEODINAMICI.



# Hydro INTER



## R6 SAE 100

LOW PRESSURE

Dash Size	ID		OD	WP		BP		BR/r	W	L
	inch	mm	mm	bar	psi	bar	psi	mm	g/m	m
-03	3/16"	4.8	10.7	34	493	136	1972	50	90	>10
-04	1/4"	6.4	12.3	28	406	112	1624	65	105	>10
-05	5/16"	8	13.9	28	406	112	1624	80	125	>10
-06	3/8"	9.5	15.5	28	406	112	1624	80	150	>10
-08	1/2"	12.7	19.5	28	406	112	1624	100	215	>10
-10	5/8"	16	22.6	24	348	96	1392	125	255	>10
-12	3/4"	19	25.8	21	305	83	1205	150	300	>10
-16	1"	25.4	33.2	20	290	80	1160	170	450	>10



TUBE : HYDRAULIC OIL RESISTANT SPECIAL SYNTHETIC RUBBER.  
 REINFORCEMENT : 1 HIGH TENSILE SYNTHETIC TEXTILE BRAID.  
 COVER : OIL, ABRASION, OZONE AND WEATHER RESISTANT SPECIAL SYNTHETIC RUBBER.  
 APPLICATION : FOR HYDRAULIC CONTROL LINES, DISCHARGE UNDER LOW PRESSURE OF HYDRAULIC FLUIDS, FUEL OIL, GREASE, AIR AND WATER.



TUBE : CAOUTCHOUC SPECIAL SYNTHETIQUE RESISTANT AUX HUILES HYDRAULIQUES.  
 RENFORCEMENT : 1 TRESSE TEXTILE TRES RESISTANTE.  
 REVETEMENT : CAOUTCHOUC SPECIAL SYNTHETIQUE RESISTANTE A L'OZONE, AUX HUILES, CARBURANTS ET AGENTS ATMOSPHERIQUES.  
 APPLICATION : POUR LE PASSAGE A BASSE PRESSION DES HUILES HYDRAULIQUES, D'HUILES MINERALES, EAU, AIR, HYDROCARBURES ETC.



SEELE : SPEZIELLES SYNTETHISCHES GUMMI, BESTÄNDIG GEGEN HYDRAULIKÖLE  
 EINLAGE : 1 HOCHZUGFESTES, SYNTHETISCHES TEXTILGEFLECHT  
 DECKE : SPEZIELLES SYNTHETISCHES GUMMI, ÖL-, OZON- UND WITTERUNGSBESTÄNDIG  
 ANWENDUNG : GEEIGNET ALS NIEDERDRUCKSCHLAUCH FÜR HYDRAULIK-, HEIZ- UND MINERALÖLE, SCHMIERFETT, WASSER UND LUFT



SOTTOSTRATO : GOMMA SPECIALE SINTETICA, RESISTENTE AGLI OLI IDRAULICI.  
 RINFORZO : 1 TRECCIA TESSILE AD ALTA TENACITÀ.  
 COPERTURA : GOMMA SPECIALE SINTETICA RESISTENTE AGLI OLI, OZONO, ABRASIONE ED AGENTI ATMOSFERICI.  
 IMPIEGO : PER PASSAGGIO A BASSA PRESSIONE DEI FLUIDI IDRAULICI A BASE DI OLI MINERALI, GREGGIO, ACQUA ED ARIA COMPRESSA, ETC.

# Medium Pressure Hose

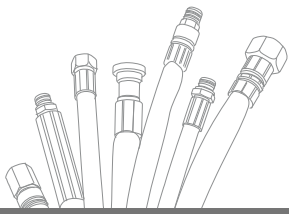


This medium-pressure hose range contains the Elite No-Skive compact hydraulic hoses exceeding ISO and EN specifications and the

classic No-Skive hydraulic hoses according to ISO, EN and SAE specifications. This hose range is complemented by a full selection

of compatible No-Skive fittings in steel and stainless steel.

- Extended range of working temperatures:  
-50 °C up to +150 °C
- Selected hoses feature nitrile inner tubes suitable for mineral and bio-degradable oils
- Full range of fluid compatibility; oil, water, phosphate ester etc.
- Using high quality compounds allows thin covers – less weight – long service life still assured
- High flexibility for easier installation and increased service life
- Small bend radii and light weight for applications where space and weight are determining factors
- High abrasion resistance hose covers superior to ISO 6945 requirements, extending service life
- Parkrimp machines, portable or bench mounted for easy assembly operation – hose assemblies meet CE directives
- High ozone-resistant cover compounds extending weathering and ageing resistance
- Complete No-Skive fitting technology across the full range of medium pressure hoses providing simpler, quicker and safer hose assembly



## R1A SAE 100

Dash Size	ID		ROD	OD	WP		BP		VACUUM	BR/r	W	L
	inch	mm	mm	mm	bar	psi	bar	psi	bar	mm	g/m	m
-03	3/16"	4.8	9.6	12.3	250	3625	1000	14500	-0.80	90	200	>10
-04	1/4"	6.4	11.1	15.5	225	3263	900	13050	-0.80	100	290	>10
-05	5/16"	8	12.6	17.1	215	3118	850	12325	-0.80	115	335	>10
-06	3/8"	9.5	15	19.4	180	2610	720	10440	-0.80	130	420	>10
-08	1/2"	12.7	18.1	22.6	160	2320	640	9280	-0.80	180	510	>10
-10	5/8"	16	21.2	25.8	130	1885	520	7540	-0.80	200	590	>10
-12	3/4"	19	25.2	29.8	105	1523	420	6090	-0.80	240	720	>10
-16	1"	25.4	33.1	37.6	88	1276	350	5075	-0.80	300	1040	>10
-20	1 1/4"	31.8	40.2	45	63	914	250	3625	-0.60	420	1345	max. 46
-24	1 1/2"	38.1	46.7	51.4	50	725	200	2900	-0.60	500	1550	max. 46
-32	2"	50.8	60.2	66.4	40	580	160	2320	-0.60	630	2280	max. 46



TUBE : MINERAL, VEGETABLE AND HYDRAULIC OIL RESISTANT SPECIAL SYNTHETIC RUBBER.  
 REINFORCEMENT : 1 HIGH TENSILE STEEL WIRE BRAID.  
 COVER : OIL, ABRASION AND WEATHER RESISTANT SPECIAL SYNTHETIC RUBBER.  
 APPLICATION : FOR LOW-MEDIUM PRESSURE HYDRAULIC SYSTEMS IN INDUSTRY AND AGRICULTURE.



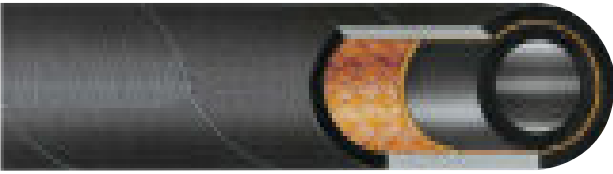
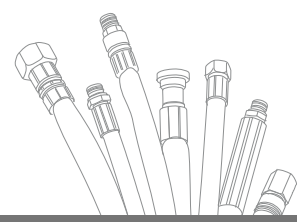
TUBE : CAOUTCHOUC SYNTHETIQUE SPECIAL RESISTANT AUX HUILES HYDRAULIQUES, MINERALES ET LUBRIFIANTS.  
 REINFORCEMENT : 1 TRESSE D'ACIER TRES RESISTANTE.  
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE SPECIAL RESISTANT A L'ABRASION, AUX HUILES, CARBURANTS ET AGENTS ATMOSPHERIQUES.  
 APPLICATION : POUR LES SYSTEMES HYDRAULIQUES A BASSE ET MOYENNE PRESSION DANS L'INDUSTRIE ET L'AGRICULTURE.



SOTTOSTRATO : GOMMA SPECIALE SINTETICA RESISTENTE AI FLUIDI IDRAULICI A BASE DI OLIO MINERALE E VEGETALI.  
 RINFORZO : 1 TRECCIA IN ACCIAIO AD ALTA TENACITÀ.  
 COPERTURA : GOMMA SPECIALE SINTETICA, RESISTENTE AGLI OLI, ABRASIONE ED AGENTI ATMOSFERICI.  
 IMPIEGO : PER SISTEMI CHE IMPIEGANO FLUIDI IDRAULICI A BASSA E MEDIA PRESSIONE IN INDUSTRIA E AGRICOLTURA.



SEELE : SPEZIELLES, SYNTETHISCHES GUMMI, BESTÄNDIG GEGEN HYDRAULIKÖLE AUF MINERAL- UND PFLANZLICHER BASIS  
 EINLAGE : 1 GEFLECHTSEINLAGE AUS HOCHZUGFESTEM STAHLDRAHT  
 DECKE : SPEZIELLES, SYNTETHISCHES GUMMI, ÖL-, ABRIEB- UND WITTERUNGSBESTÄNDIG  
 ANWENDUNG : GEEIGNET ALS NIEDER-UND MITTELDRUCK HYDRAULIKSCHLAUCH FÜR LANDWIRTSCHAFTS-UND BAUMASCHINEN



## R1AT SAE 100

Dash Size	ID		ROD	OD	WP		BP		VACUUM	BR/r	W	L
	inch	mm	mm	mm	bar	psi	bar	psi	bar	mm	g/m	m
-03	3/16"	4.8	9.6	11.6	250	3625	1000	14500	-0.80	90	180	>10
-04	1/4"	6.4	11.1	13.2	225	3263	900	13050	-0.80	100	225	>10
-05	5/16"	8	12.6	14.8	215	3118	850	12325	-0.80	115	260	>10
-06	3/8"	9.5	15	17.2	180	2610	720	10440	-0.80	130	340	>10
-08	1/2"	12.7	18.1	20.4	160	2320	640	9280	-0.80	180	415	>10
-10	5/8"	16	21.2	23.5	130	1885	520	7540	-0.80	200	475	>10
-12	3/4"	19	25.2	27.5	105	1523	420	6090	-0.80	240	590	>10
-16	1"	25.4	33.1	35.4	88	1276	350	5075	-0.80	300	875	>10
-20	1 1/4"	31.8	40.2	43.5	63	914	250	3625	-0.60	420	1205	max. 46
-24	1 1/2"	38.1	46.7	50	50	725	200	2900	-0.60	500	1405	max. 46
-32	2"	50.8	60.2	63.6	40	580	160	2320	-0.60	630	1910	max. 46
-40	2 1/2"	63.5	73	76.5	40	580	160	2320	-0.60	762	2540	max. 46
-48	3"	76.2	85	88.5	35	508	140	2030	-0.60	900	2715	max. 46



TUBE : MINERAL, VEGETABLE AND HYDRAULIC OIL RESISTANT SPECIAL SYNTHETIC RUBBER.  
 REINFORCEMENT : 1 HIGH TENSILE STEEL WIRE BRAID.  
 COVER : OIL, ABRASION AND WEATHER RESISTANT SPECIAL SYNTHETIC RUBBER.  
 APPLICATION : FOR LOW-MEDIUM PRESSURE HYDRAULIC SYSTEMS IN INDUSTRY AND AGRICULTURE.



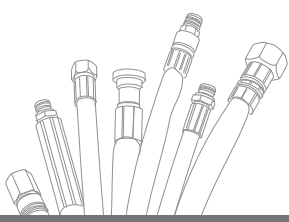
TUBE : CAOUTCHOUC SYNTHETIQUE SPECIAL RESISTANT AUX HUILES HYDRAULIQUES, MINERALES ET LUBRIFIANTS.  
 REINFORCEMENT : 1 TRESSE D'ACIER TRES RESISTANTE.  
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE SPECIAL RESISTANT A L'ABRASION, AUX HUILES, CARBURANTS ET AGENTS ATMOSPHERIQUES.  
 APPLICATION : POUR LES SYSTEMES HYDRAULIQUES A BASSE ET MOYENNE PRESSION DANS L'INDUSTRIE ET L'AGRICULTURE.



SOTTOSTRATO : GOMMA SPECIALE SINTETICA RESISTENTE AI FLUIDI IDRAULICI A BASE DI OLIO MINERALE E VEGETALI.  
 RINFORZO : 1 TRECCIA IN ACCIAIO AD ALTA TENACITÀ.  
 COPERTURA : GOMMA SPECIALE SINTETICA, RESISTENTE AGLI OLI, ABRASIONE ED AGENTI ATMOSFERICI.  
 IMPIEGO : PER SISTEMI CHE IMPIEGANO FLUIDI IDRAULICI A BASSA E MEDIA PRESSIONE IN INDUSTRIA E AGRICOLTURA.



SEELE : SPEZIELLES, SYNTETHISCHES GUMMI, BESTÄNDIG GEGEN HYDRAULIKÖLE AUF MINERAL- UND PFLANZLICHER BASIS  
 EINLAGE : 1 GEFLECHTSEINLAGE AUS HOCHZUGFESTEM STAHLDRAHT  
 DECKE : SPEZIELLES, SYNTETHISCHES GUMMI, ÖL-, ABRIEB- UND WITTERUNGSBESTÄNDIG  
 ANWENDUNG : GEEIGNET ALS NIEDER-UND MITTELDRUCK HYDRAULIKSCHLAUCH FÜR LANDWIRTSCHAFTS-UND BAUMASCHINEN



## R2A SAE 100

Dash Size	ID		ROD		OD		WP		BP		VACUUM	BR/r	W	L
	inch	mm	mm	mm	mm	bar	psi	bar	psi	bar	mm	g/m	m	
-03	3/16"	4.8	11.1	15.5	415	6018	1650	23925	-0.95	90	360	>10		
-04	1/4"	6.4	12.8	17.1	400	5800	1600	23200	-0.95	100	450	>10		
-05	5/16"	8	14.3	18.7	350	5075	1400	20300	-0.95	115	510	>10		
-06	3/8"	9.5	16.7	21	330	4785	1320	19140	-0.95	130	635	>10		
-08	1/2"	12.7	19.8	24.2	275	3988	1100	15950	-0.95	180	740	>10		
-10	5/8"	16	22.9	27.4	250	3625	1000	14500	-0.95	200	870	>10		
-12	3/4"	19	26.9	31.4	215	3118	850	12325	-0.80	240	1060	>10		
-16	1"	25.4	34.8	39	165	2393	650	9425	-0.80	300	1445	>10		
-20	1 1/4"	31.8	44.3	49.8	125	1813	500	7250	-0.80	420	2140	max. 46		
-24	1 1/2"	38.1	50.7	56.2	90	1305	360	5220	-0.80	500	2400	max. 46		
-32	2"	50.8	63.5	68.8	78	1131	310	4500	-0.80	630	3050	max. 46		



TUBE : MINERAL, VEGETABLE AND HYDRAULIC OIL RESISTANT SPECIAL SYNTHETIC RUBBER.  
 REINFORCEMENT : 2 HIGH TENSILE STEEL WIRE BRAID.  
 COVER : OIL, ABRASION AND WEATHER RESISTANT SPECIAL SYNTHETIC RUBBER.  
 APPLICATION : FOR MEDIUM-HIGH PRESSURE HYDRAULIC SYSTEMS IN INDUSTRY AND AGRICULTURE.



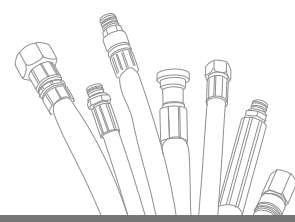
TUBE : CAOUTCHOUC SYNTHETIQUE SPECIAL RESISTANT AUX HUILES HYDRAULIQUES, MINERALES ET LUBRIFIANTS.  
 RENFORCEMENT : 2 TRESSERES D'ACIER TRES RESISTANTES.  
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE SPECIAL RESISTANT A L'ABRASION, AUX HUILES, CARBURANTS ET AGENTS ATMOSPHERIQUES.  
 APPLICATION : POUR LES SYSTEMES HYDRAULIQUES A MOYENNE ET HAUTE PRESSION DANS L'INDUSTRIE ET L'AGRICULTURE.



SOTTOSTRATO : GOMMA SPECIALE SINTETICA RESISTENTE AI FLUIDI IDRAULICI A BASE DI OLIO MINERALE E VEGETALI.  
 RINFORZO : 2 TRECCE IN ACCIAIO AD ALTA TENACITÀ.  
 COPERTURA : GOMMA SPECIALE SINTETICA, RESISTENTE AGLI OLI, ABRASIONE ED AGENTI ATMOSFERICI.  
 IMPIEGO : PER SISTEMI CHE IMPIEGANO FLUIDI IDRAULICI A MEDIA E ALTA PRESSIONE IN INDUSTRIA E AGRICOLTURA.



SEELE : SPEZIELLES, SYNTETHISCHES GUMMI, BESTÄNDIG GEGEN HYDRAULIKÖLE AUF MINERAL- UND PFLANZLICHER BASIS  
 EINLAGE : 2 GEFLECHTSEINLAGEN AUS HOCHZUGFESTEM STAHLDRAHT  
 DECKE : SPEZIELLES, SYNTETHISCHES GUMMI, ÖL-, ABRIEB- UND WITTERUNGSBESTÄNDIG  
 ANWENDUNG : GEEIGNET ALS MITTEL- UND HOCHDRUCK HYDRAULIKSCHLAUCH FÜR LANDWIRTSCHAFTS- UND BAUMASCHINEN



## R2AT SAE 100

Dash Size	ID		ROD	OD	WP		BP		VACUUM	BR/r	W	L
	inch	mm	mm	mm	bar	psi	bar	psi	bar	mm	g/m	m
-03	3/16"	4.8	11.1	13.3	415	6018	1650	23925	-0.95	90	300	>10
-04	1/4"	6.4	12.8	15	400	5800	1600	23200	-0.95	100	380	>10
-05	5/16"	8	14.3	16.5	350	5075	1400	20300	-0.95	115	435	>10
-06	3/8"	9.5	16.7	18.9	330	4785	1320	19140	-0.95	130	550	>10
-08	1/2"	12.7	19.8	22.2	275	3988	1100	15950	-0.95	180	640	>10
-10	5/8"	16	22.9	25.2	250	3625	1000	14500	-0.95	200	750	>10
-12	3/4"	19	26.9	29.2	215	3118	850	12325	-0.80	240	925	>10
-16	1"	25.4	34.8	37.2	165	2393	650	9425	-0.80	300	1290	>10
-20	1 1/4"	31.8	44.3	47.3	125	1813	500	7250	-0.80	420	1895	max. 46
-24	1 1/2"	38.1	50.7	53.7	90	1305	360	5220	-0.80	500	2120	max. 46
-32	2"	50.8	63.5	66.7	78	1131	310	4500	-0.80	630	2765	max. 46
-40	2 1/2"	63.5	75.8	79.3	69	1000	276	4000	-0.60	762	3730	max. 46
-48	3"	76.2	87.8	91.3	50	725	200	2900	-0.60	900	3950	max. 46



TUBE : MINERAL, VEGETABLE AND HYDRAULIC OIL RESISTANT SPECIAL SYNTHETIC RUBBER.  
 REINFORCEMENT : 2 HIGH TENSILE STEEL WIRE BRAID.  
 COVER : OIL, ABRASION AND WEATHER RESISTANT SPECIAL SYNTHETIC RUBBER.  
 APPLICATION : FOR MEDIUM-HIGH PRESSURE HYDRAULIC SYSTEMS IN INDUSTRY AND AGRICULTURE.



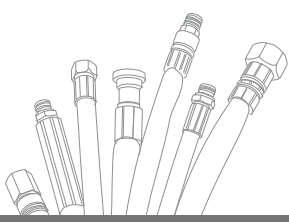
TUBE : CAOUTCHOUC SYNTHETIQUE SPECIAL RESISTANT AUX HUILES HYDRAULIQUES, MINERALES ET LUBRIFIANTS.  
 RENFORCEMENT : 2 TRESSERES D'ACIER TRES RESISTANTES.  
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE SPECIAL RESISTANT A L'ABRASION, AUX HUILES, CARBURANTS ET AGENTS ATMOSPHERIQUES.  
 APPLICATION : POUR LES SYSTEMES HYDRAULIQUES A MOYENNE ET HAUTE PRESSION DANS L'INDUSTRIE ET L'AGRICULTURE.



SOTTOSTRATO : GOMMA SPECIALE SINTETICA RESISTENTE AI FLUIDI IDRAULICI A BASE DI OLIO MINERALE E VEGETALI.  
 RINFORZO : 2 TRECCE IN ACCIAIO AD ALTA TENACITÀ.  
 COPERTURA : GOMMA SPECIALE SINTETICA, RESISTENTE AGLI OLI, ABRASIONE ED AGENTI ATMOSFERICI.  
 IMPIEGO : PER SISTEMI CHE IMPIEGANO FLUIDI IDRAULICI A MEDIA E ALTA PRESSIONE IN INDUSTRIA E AGRICOLTURA.



SEELE : SPEZIELLES, SYNTETHISCHES GUMMI, BESTÄNDIG GEGEN HYDRAULIKÖLE AUF MINERAL- UND PFLANZLICHER BASIS  
 EINLAGE : 2 GEFLECHTSEINLAGEN AUS HOCHZUGFESTEM STAHLDRAHT  
 DECKE : SPEZIELLES, SYNTETHISCHES GUMMI, ÖL-, ABRIEB- UND WITTERUNGSBESTÄNDIG  
 ANWENDUNG : GEEIGNET ALS MITTEL- UND HOCHDRUCK HYDRAULIKSCHLAUCH FÜR LANDWIRTSCHAFTS- UND BAUMASCHINEN



## 1 SC DIN EN 857

Dash Size	ID		ROD	OD	WP		BP		VACUUM	BR/r	W	L
	inch	mm	mm	mm	bar	psi	bar	psi	bar	mm	g/m	m
-04	1/4"	6.4	10.4	12.2	225	3263	900	13050	-0.80	75	180	>10
-05	5/16"	8	11.5	13.6	215	3118	850	12325	-0.80	85	200	>10
-06	3/8"	9.5	13.6	15.5	180	2610	720	10440	-0.80	90	260	>10
-08	1/2"	12.7	17	19	160	2320	640	9280	-0.80	130	345	>10
-10	5/8"	16	20.4	22.4	130	1885	520	7540	-0.80	150	420	>10
-12	3/4"	19	23.8	25.8	105	1523	420	6090	-0.80	180	490	>10
-16	1"	25.4	31.3	33.4	88	1276	350	5075	-0.80	230	730	>10



TUBE : MINERAL, VEGETABLE AND HYDRAULIC OIL RESISTANT SPECIAL SYNTHETIC RUBBER.  
 REINFORCEMENT : 1 HIGH TENSILE STEEL WIRE BRAID.  
 COVER : OIL, ABRASION AND WEATHER RESISTANT SPECIAL SYNTHETIC RUBBER.  
 APPLICATION : FOR LOW-MEDIUM PRESSURE HYDRAULIC SYSTEMS USING HYDRAULIC OILS, MINERAL AND VEGETABLE LUBRICANTS.



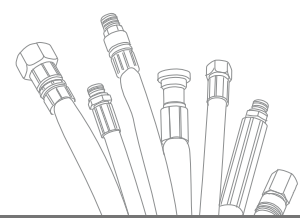
TUBE : CAOUTCHOUC SYNTHETIQUE SPECIAL RESISTANT AUX HUILES HYDRAULIQUES, MINERALES ET LUBRIFIANTS.  
 RENFORCEMENT : 1 TRESSE D'ACIER TRES RESISTANTE  
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE SPECIAL RESISTANT A L'ABRASION, AUX HUILES, CARBURANTS ET AGENTS ATMOSPHERIQUES.  
 APPLICATION : POUR LES SYSTEMES HYDRAULIQUES A BASSE ET MOYENNE PRESSION, UTILISANT LES HUILES HYDRAULIQUES A BASE D'HUILES MINERALES, LUBRIFIANTS VEGETAUX ET GRAISSES.



SOTTOSTRATO : GOMMA SPECIALE SINTETICA RESISTENTE AI FLUIDI IDRAULICI A BASE DI OLIO MINERALE E VEGETALI.  
 RINFORZO : 1 TRECCIA IN ACCIAIO AD ALTA TENACITÀ.  
 COPERTURA : GOMMA SPECIALE SINTETICA, RESISTENTE AGLI OLI, ABRASIONE ED AGENTI ATMOSFERICI.  
 IMPIEGO : PER SISTEMI A PRESSIONE BASSA-MEDIA CHE IMPIEGANO FLUIDI IDRAULICI A BASE DI OLIO MINERALE, LUBRIFICANTI VEGETALI E MINERALI, GREGGIO ETC.



SEELE : SPEZIELLES, SYNTETHISCHES GUMMI, BESTÄNDIG GEGEN HYDRAULIKÖLE AUF MINERAL- UND PFLANZLICHER BASIS  
 EINLAGE : 1 GEFLECHTSEINLAGE AUS HOCHZUGFESTEM STAHLDRAHT  
 DECKE : SPEZIELLES, SYNTETHISCHES GUMMI, ÖL-, ABRIEB- UND WITTERUNGSBESTÄNDIG  
 ANWENDUNG : GEEIGNET ALS NIEDER-UND MITTELDRUCK HYDRAULIKSCHLAUCH FÜR LANDWIRTSCHAFTS- UND BAUMASCHINEN ZUR VERWENDUNG MIT MINERAL- UND BIOLOGISCHE ÖLE



## 2 SC DIN EN 857

Dash Size	ID		ROD	OD	WP		BP		VACUUM	BR/r	W	L
	inch	mm	mm	mm	bar	psi	bar	psi	bar	mm	g/m	m
-04	1/4"	6.4	10.4	12.5	225	3263	900	13050	-0.80	75	370	>10
-04	1/4"	6.4	10.4	12.5								
-05	5/16"	8	11.5	13.9	215	3118	850	12325	-0.80	85	430	>10
-05	5/16"	8	11.5	13.9								
-06	3/8"	9.5	13.6	15.8	180	2610	720	10440	-0.80	90	550	>10
-06	3/8"	9.5	13.6	15.8								
-08	1/2"	12.7	17	19.3	160	2320	640	9280	-0.80	130	720	>10
-08	1/2"	12.7	17	19.3								

**M E D I U M P R E S S U R E**



TUBE : MINERAL, VEGETABLE AND HYDRAULIC OIL RESISTANT SPECIAL SYNTHETIC RUBBER.  
 REINFORCEMENT : 2 HIGH TENSILE STEEL WIRE BRAID.  
 COVER : OIL, ABRASION AND WEATHER RESISTANT SPECIAL SYNTHETIC RUBBER.  
 APPLICATION : FOR MEDIUM-HIGH PRESSURE HYDRAULIC SYSTEMS USING HYDRAULIC OILS, MINERAL AND VEGETABLE LUBRICANTS.



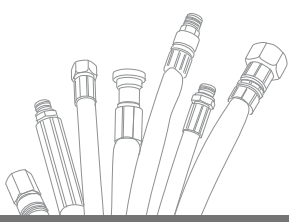
TUBE : CAOUTCHOUC SYNTHETIQUE SPECIAL RESISTANT AUX HUILES HYDRAULIQUES, MINERALES ET LUBRIFIANTS.  
 REINFORCEMENT : 2 TRESSSES D'ACIER TRES RESISTANTES.  
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE SPECIAL RESISTANT A L'ABRASION, AUX HUILES, CARBURANTS ET AGENTS ATMOSPHERIQUES.  
 APPLICATION : POUR LES SYSTEMES HYDRAULIQUES A MOYENNE ET HAUTE PRESSION, UTILISANT LES HUILES HYDRAULIQUES A BASE D'HUILES MINERALES, LUBRIFIANTS VEGETAUX ET GRAISSES.



SOTTOSTRATO : GOMMA SPECIALE SINTETICA RESISTENTE AI FLUIDI IDRAULICI A BASE DI OLIO MINERALE E VEGETALI.  
 RINFORZO : 2 TRECCE IN ACCIAIO AD ALTA TENACITA'.  
 COPERTURA : GOMMA SPECIALE SINTETICA, RESISTENTE AGLI OLI, ABRASIONE ED AGENTI ATMOSFERICI.  
 IMPIEGO : PER SISTEMI A PRESSIONE MEDIA-ALTA CHE IMPIEGANO FLUIDI IDRAULICI A BASE DI OLIO MINERALE, LUBRIFICANTI VEGETALI E MINERALI, GREGGIO ETC.



SEELE : SPEZIELLES, SYNTETHISCHES GUMMI, BESTÄNDIG GEGEN HYDRAULIKÖLE AUF MINERAL- UND PFLANZLICHER BASIS  
 EINLAGE : 2 GEFLECHTSEINLAGEN AUS HOCHZUGFESTEM STAHLDRAH  
 DECKE : SPEZIELLES, SYNTETHISCHES GUMMI, ÖL-, ABRIEB- UND WITTERUNGSBESTÄNDIG  
 ANWENDUNG : GEEIGNET ALS MITTEL- UND HOCHDRUCK HYDRAULIKSCHLAUCH FÜR LANDWIRTSCHAFTS- UND BAUMASCHINEN ZUR VERWENDUNG MIT MINERAL- UND BIOLOGISCHE ÖLE



# Hydro NTER



## R5 SAE J 517

MEDIUM PRESSURE

Dash Size	ID		OD	WP		BP		BR/r	W	L
	inch	mm	mm	bar	psi	bar	psi	mm	g/m	m
-04	3/16"	4.8	12.9	210	3045	840	12180	75	250	>10
-05	1/4"	6.4	14.5	210	3045	840	12180	85	290	>10
-06	5/16"	8	16.8	157	2277	628	9106	100	355	>10
-08	13/32"	10.3	19.1	140	2030	560	8120	115	410	>10
-10	1/2"	12.7	22.9	122	1770	488	7076	140	565	>10
-12	5/8"	16	27.1	105	1523	420	6090	165	700	>10
-16	7/8"	22.2	30.8	56	812	224	3248	185	695	>10
-20	1 1/8"	28.6	37.6	43	624	172	2494	230	920	>10
-24	1 3/8"	34.9	44.5	35	508	140	2030	265	1140	max. 46
-32	1 13/16"	46	56.4	24	348	96	1392	335	1375	max. 46
-40	2 3/8"	60	73	24	348	96	1392	610	2275	max. 46
-48	3"	76.2	90.5	14	203	56	812	840	3020	max. 46



TUBE REINFORCEMENT COVER APPLICATION : MINERAL, VEGETABLE AND HYDRAULIC OIL RESISTANT SPECIAL SYNTHETIC RUBBER.  
: SYNTHETIC TEXTILE AND 1 HIGH TENSILE STEEL WIRE BRAID.  
: OIL AND WEATHER RESISTANT SYNTHETIC RUBBER IMPREGNATED SYNTHETIC BRAID.  
: FOR LOW-MEDIUM PRESSURE HYDRAULIC SYSTEMS IN INDUSTRY AND AGRICULTURE.



SEELE EINLAGE DECKE ANWENDUNG : SPEZIELLES, SYNTETHISCHES GUMMI, BESTÄNDIG GEGEN HYDRAULIKÖLE AUF MINERAL- UND PFLANZLICHER BASIS  
: 1 GEFLECHTSEINLAGE AUS HOCHZUGFESTEM STAHLDRAHT MIT ZUSÄTZLICHER TEXTILEINLAGE  
: SPEZIELLES, SYNTETHISCHES GUMMI, ÖL-, ABRIEB- UND WITTERUNGSBESTÄNDIG  
: GEEIGNET ALS NIEDER-UND MITTELDRUCK HYDRAULIKSCHLAUCH FÜR LANDWIRTSCHAFTS- UND BAUMASCHINEN



SOTTOSTRATO RINFORZO COPERTURA IMPIEGO : GOMMA SPECIALE SINTETICA RESISTENTE AI FLUIDI IDRAULICI A BASE DI OLIO MINERALE E VEGETALI.  
: INSERZIONI TESSILI E TRECCIA IN 1 ACCIAIO AD ALTA TENACITÀ.  
: TRECCIA IN COTONE IMPREGNATO DI GOMMA SINTETICA RESISTENTE AGLI OLI ED AGENTI ATMOSFERICI.  
: PER SISTEMI CHE IMPIEGANO FLUIDI IDRAULICI A BASSA E MEDIA PRESSIONE IN INDUSTRIA E AGRICOLTURA.



TUBE RENFORCEMENT REVETEMENT APPLICATION : CAOUTCHOUC SYNTHETIQUE SPECIAL RESISTANT AUX HUILES HYDRAULIQUES, MINERALES ET LUBRIFIANTS.  
: INSERTION TEXTILE ET 1 TRESSE D'ACIER TRES RESISTANTE.  
: TRESSE TEXTILE IMPREGNEE DE CAOUTCHOUC SYNTHETIQUE SPECIAL RESISTANT A L'ABRASION, AUX HUILES, CARBURANTS ET AGENTS ATMOSPHERIQUES.  
: POUR LES SYSTEMES HYDRAULIQUES A BASSE ET MOYENNE PRESSION DANS L'INDUSTRIE ET L'AGRICULTURE.

# High Pressure Hose

## USE OF A HIGH PRESSURE HOSE

Using a high pressure hose as a cleaning solution is incredibly effective and flexible. After the usual methods have failed, to minimize the use of chemical or to clean well first time, a high pressure hose will invariably do the job. A range of hose attachments are available which enable functions such as multiple jets, rotating or fixed pencil jets, fan sprays or a lower pressure spray for equipments such as rinsing. It's also no challenge to find a hose that will work well within a wide range of temperatures from -20 C to over 50 C

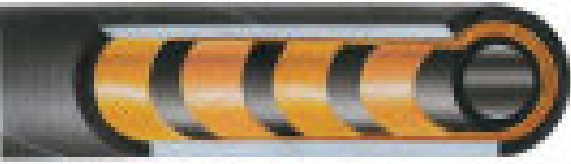
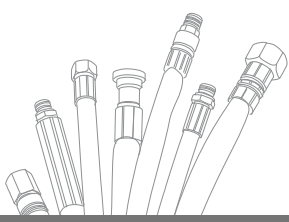


### SELECTING A HIGH PRESSURE HOSE

**The length of your hose depends on the requirements of your machine or the job that you plan to undertake. For longer, standalone hoses, you may want to consider storing it on a retractable hose reel for safety and good housekeeping.**

**It's important that you use a hose that has a maximum working pressure rating that is higher than the machine you are using with it, otherwise the machine's pressure capacity will be too powerful for your hose and this will result in damage to the tubing and its operator. If the hose came as part of the machine at purchase then you should expect the manufacturer to have provided the correct level of high pressure hose .**

**For advice about high pressure hoses or general cleaning equipment, contact B&G Cleaning who have an outstanding range of products and outstanding expertise in cleaning applications.**



## R9 4 SP EN 856

Dash Size	ID		ROD	OD	WP		BP		BR/r	W	L
	inch	mm	mm	mm	bar	psi	bar	psi	mm	g/m	m
-04	1/4"	6.4	14.6	17.6	450	6525	1800	26100	150	585	> 3
-06	3/8"	9.5	17.5	21.2	445	6453	1780	25810	180	750	> 3
-08	1/2"	12.7	20.3	24.4	415	6018	1660	24070	230	890	> 3
-10	5/8"	16	23.8	28	350	5075	1400	20300	250	1070	> 3
-12	3/4"	19	28.2	32	350	5075	1400	20300	300	1510	Max. 61
-16	1"	25.4	35.1	39.1	280	4060	1120	16240	340	1920	Max. 61



TUBE REINFORCEMENT COVER APPLICATION : MINERAL, VEGETABLE, AND GLYCOL BASED HYDRAULIC OIL RESISTANT SPECIAL SYNTHETIC RUBBER.  
: 4 HIGH TENSILE STEEL SPIRAL.  
: OIL, SUPER HIGH ABRASION AND WEATHER RESISTANT SPECIAL COMPOUND.  
: FOR HYDRAULIC SYSTEMS WITH HIGH PEAK PRESSURES AND ARDUOUS OPERATING CONDITIONS.



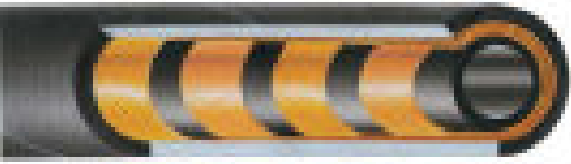
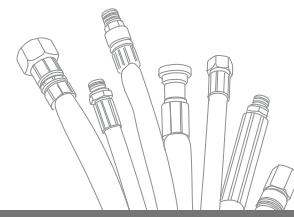
TUBE RENFORCEMENT REVETEMENT APPLICATION : CAOUTCHOUC SYNTHETIQUE SPECIAL RESISTANT AUX FLUIDES HYDRAULIQUES A BASE D'HUILES MINERALES, GLICOLLES ET VEGETALES  
: 4 NAPPE SPIRALES EN FIL D'ACIER HAUTE RESISTANCE.  
: CAOUTCHOUC SYNTHETIQUE DE MATIERE SPECIALE, RESISTANT A UNE ABRASION ELEVEE, AUX HUILES, CARBURANTS ET AGENTS ATMOSPHERIQUES.  
: POUR LES SYSTEMES HYDRAULIQUES AVEC DES PICS DE PRESSION SUPERIEURE, DANS DES CONDITIONS SEVERES.



SOTTOSTRATO RINFORZO COPERTURA IMPIEGO : GOMMA SPECIALE SINTETICA RESISTENTE AI FLUIDI IDRAULICI CON BASE DI OLIO MINERALE E GLICOLI.  
: 4 SPIRALI IN ACCIAIO AD ALTISSIMA RESISTENZA.  
: GOMMA DI MATERIALE SPECIALE AD ALTA ABRASIONE, RESISTENTE AGLI OLI ED AGENTI ATMOSFERICI.  
: PER IMPIANTI IDRAULICI CON PICCHI DI PRESSIONE SUPERIORE ALLO STANDARD. PER USI DURI.



SEELE EINLAGE DECKE ANWENDUNG : SPEZIELLES, SYNTETHISCHES GUMMI, BESTÄNDIG GEGEN HYDRAULIKÖLE AUF MINERAL-, GLYKOL- UND PFLANZLICHER BASIS  
: 4 SPIRALEINLAGEN AUS HOCHZUGFESTEM STAHLDRAHT  
: SPEZIELLES, SYNTETHISCHES GUMMI MIT HERVORRAGENDEM ABRIEBWERT, ÖL- UND WITTERUNGSBESTÄNDIG  
: GEEIGNET ALS HOCHDRUCKSCHLAUCH FÜR HYDRAULIKSYSTEME IN SCHWEREN ARBEITSUMGEBUNGEN MIT HOHEN DRUCKANFORDERUNGEN



## R9 4 SH EN 856

HIGH PRESSURE

Dash Size	ID		ROD	OD	WP		BP		BR/r	W	L
	inch	mm	mm	mm	bar	psi	bar	psi	mm	g/m	m
-10	5/8"	16	25.3	28.7	420	6090	1680	24360	240	1230	> 3
-12	3/4"	19	28.2	32	420	6090	1680	24360	280	1505	Max. 61
-16	1"	25.4	35.1	38.4	380	5510	1520	22040	340	2090	Max. 61
-20	1 1/4"	31.8	41.9	45.2	350	5075	1400	20300	460	2430	Max. 61
-24	1 1/2"	38.1	48.8	53	290	4205	1160	16820	560	3240	Max. 61
-32	2"	50.8	63.2	67.6	250	3625	1000	14500	700	4470	Max. 61



TUBE : MINERAL, VEGETABLE, AND GLYCOL BASED HYDRAULIC OIL RESISTANT SPECIAL SYNTHETIC RUBBER.  
 REINFORCEMENT : 4 HIGH TENSILE STEEL SPIRAL.  
 COVER : OIL, SUPER HIGH ABRASION AND WEATHER RESISTANT SPECIAL COMPOUND.  
 APPLICATION : FOR HYDRAULIC SYSTEMS WITH HIGH PEAK PRESSURES AND ARDUOUS OPERATING CONDITIONS.



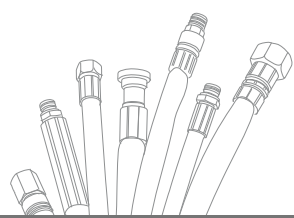
TUBE : CAOUTCHOUC SYNTHETIQUE SPECIAL RESISTANT AUX FLUIDES HYDRAULIQUES A BASE D'HUILES MINERALES , GLICOLLES ET VEGETALES  
 RENFORCEMENT : 4 NAPPES SPIRALES EN FIL D'ACIER HAUTE RESISTANCE.  
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE DE MATIERE SPECIALE, RESISTANT A UNE ABRASION ELEVEE, AUX HUILES, CARBURANTS ET AGENTS ATMOSPHERIQUES.  
 APPLICATION : POUR LES SYSTEMES HYDRAULIQUES AVEC DES PICS DE PRESSION SUPERIEURE, DANS DES CONDITIONS SEVERES.



SOTTOSTRATO : GOMMA SPECIALE SINTETICA RESISTENTE AI FLUIDI IDRAULICI CON BASE DI OLIO MINERALE E GLICOLI.  
 RINFORZO : 4 SPIRALI IN ACCIAIO AD ALTISSIMA RESISTENZA.  
 COPERTURA : GOMMA DI MATERIALE SPECIALE AD ALTA ABRASIONE, RESISTENTE AGLI OLI ED AGENTI ATMOSFERICI.  
 IMPIEGO : PER IMPIANTI IDRAULICI CON PICCHI DI PRESSIONE SUPERIORE ALLO STANDARD. PER USI DURI.



SEELE : SPEZIELLES, SYNTETHISCHES GUMMI, BESTÄNDIG GEGEN HYDRAULIKÖLE AUF MINERAL-, GLYKOL- UND PFLANZLICHER BASIS  
 EINLAGE : 4 SPIRALEINLAGEN AUS HOCHZUGFESTEM STAHLDRAHT  
 DECKE : SPEZIELLES, SYNTETHISCHES GUMMI MIT HERVORRAGENDEM ABRIEBWERT, ÖL- UND WITTERUNGSBESTÄNDIG  
 ANWENDUNG : GEEIGNET ALS HOCHDRUCKSCHLAUCH FÜR HYDRAULIKSYSTEME IN SCHWEREN ARBEITSUMGEBUNGEN MIT HOHEN DRUCKANFORDERUNGEN



## R12 SAE 100

**H I G H P R E S S U R E**

Dash Size	ID		ROD	OD	WP		BP		BR/r	W	L
	inch	mm	mm	mm	bar	psi	bar	psi	mm	g/m	m
-06	3/8"	9.5	17.1	20	280	4060	1450	21025	100	620	> 3
-08	1/2"	12.7	20.5	23.5	280	4060	1400	20300	125	780	> 3
-10	5/8"	16	24.6	27.6	280	4060	1350	19575	140	1070	> 3
-12	3/4"	19	27.5	30.5	280	4060	1350	19575	150	1210	Max. 61
-16	1"	25.4	35.1	38.1	280	4060	1300	18850	225	1830	Max. 61
-20	1 1/4"	31.8	43.6	46.6	210	3045	1100	15950	250	2560	Max. 61
-24	1 1/2"	38.1	50.1	53.2	175	2538	1100	15950	500	2990	Max. 61
-32	2"	50.8	63.7	66.8	175	2538	900	13050	630	4180	Max. 61



TUBE : MINERAL, VEGETABLE, AND GLYCOL BASED HYDRAULIC OIL RESISTANT SPECIAL SYNTHETIC RUBBER.  
 REINFORCEMENT : 4 OR 6 HIGH TENSILE STEEL SPIRAL.  
 COVER : OIL, SUPER HIGH ABRASION AND WEATHER RESISTANT SPECIAL COMPOUND.  
 APPLICATION : FOR HYDRAULIC SYSTEMS WITH HIGH PEAK PRESSURES AND ARDUOUS OPERATING CONDITIONS.



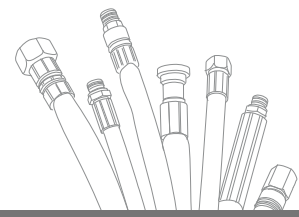
TUBE : CAOUTCHOUC SYNTHETIQUE SPECIAL RESISTANT AUX FLUIDES HYDRAULIQUES A BASE D'HUILES MINERALES, GLICOLES ET VEGETALES  
 RENFORCEMENT : 4 OU 6 NAPPES SPIRALES EN FIL D'ACIER HAUTE RESISTANCE.  
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE DE MATIERE SPECIALE, RESISTANT A UNE ABRASION ELEVEE, AUX HUILES, CARBURANTS ET AGENTS ATMOSPHERIQU  
 APPLICATION : POUR LES SYSTEMES HYDRAULIQUES AVEC DES PICS DE PRESSION SUPERIEURE, DANS DES CONDITIONS SEVERES.



SOTTOSTRATO : GOMMA SPECIALE SINTETICA RESISTENTE AI FLUIDI IDRAULICI CON BASE DI OLIO MINERALE E GLICOLI.  
 RINFORZO : 4 O 6 SPIRALI IN ACCIAIO AD ALTISSIMA RESISTENZA.  
 COPERTURA : GOMMA DI MATERIALE SPECIALE AD ALTA ABRASIONE, RESISTENTE AGLI OLI ED AGENTI ATMOSFERICI.  
 IMPIEGO : PER IMPIANTI IDRAULICI CON PICCHI DI PRESSIONE SUPERIORE ALLO STANDARD. PER USI DURI.







SEELE : SPEZIELLES, SYNTETHISCHES GUMMI, BESTÄNDIG GEGEN HYDRAULIKÖLE AUF MINERAL-, GLYKOL- UND PFLANZLICHER BASIS  
 EINLAGE : WAHLWEISE 4 ODER 6 SPIRALEINLAGEN AUS HOCHZUGFESTEM STAHLDRAHT  
 DECKE : SPEZIELLES, SYNTETHISCHES GUMMI MIT HERVORRAGENDEM ABRIEBWERT, ÖL- UND WITTERUNGSBESTÄNDIG  
 ANWENDUNG : GEEIGNET ALS HOCHDRUCKSCHLAUCH FÜR HYDRAULIKSYSTEME IN SCHWEREN ARBEITSUMGEBUNGEN MIT HOHEN DRUCKANFORDERUNGEN

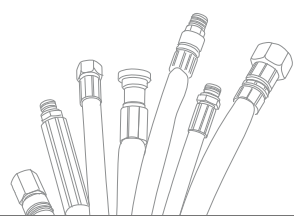


## R13 SAE 100

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Dash Size	ID		ROD		OD		WP		BP		BR/r	W	L
	inch	mm	mm	mm	mm	bar	psi	bar	psi	mm	g/m	m	
-12	3/4"	19	29	32	345	5000	1380	20000	240	1635	Max. 61		
-16	1"	25.4	35.1	38.4	345	5000	1380	20000	300	2070	Max. 61		
-20	1 1/4"	31.8	46.3	49.3	345	5000	1380	20000	420	3870	Max. 61		
-24	1 1/2"	38.1	53.7	57.3	345	5000	1380	20000	500	4850	Max. 61		
-32	2"	50.8	68	71.6	345	5000	1380	20000	630	6425	Max. 61		





	TUBE REINFORCEMENT COVER APPLICATION	: MINERAL, VEGETABLE, AND GLYCOL BASED HYDRAULIC OIL RESISTANT SPECIAL SYNTHETIC RUBBER. : 4 OR 6 HIGH TENSILE STEEL SPIRAL. : OIL, SUPER HIGH ABRASION AND WEATHER RESISTANT SPECIAL COMPOUND. : FOR HYDRAULIC SYSTEMS WITH HIGH PEAK PRESSURES AND ARDUOUS OPERATING CONDITIONS.
	TUBE RENFORCEMENT REVETEMENT APPLICATION	: CAOUTCHOUC SYNTHETIQUE SPECIAL RESISTANT AUX FLUIDES HYDRAULIQUES A BASE D'HUILES MINERALES , GLICOLES ET VEGETALES : 4 OU 6 NAPPES SPIRALES EN FIL D'ACIER HAUTE RESISTANCE. : CAOUTCHOUC SYNTHETIQUE DE MATIERE SPECIALE, RESISTANT A UNE ABRASION ELEVEE, AUX HUILES, CARBURANTS ET AGENTS ATMOSPHERIQUES. : POUR LES SYSTEMES HYDRAULIQUES AVEC DES PICS DE PRESSION SUPERIEURE, DANS DES CONDITIONS SEVERES.
	SOTTOSTRATO RINFORZO COPERTURA IMPIEGO	: GOMMA SPECIALE SINTETICA RESISTENTE AI FLUIDI IDRAULICI CON BASE DI OLIO MINERALE E GLICOLI. : 4 O 6 SPIRALI IN ACCIAIO AD ALTISSIMA RESISTENZA. : GOMMA DI MATERIALE SPECIALE AD ALTA ABRASIONE, RESISTENTE AGLI OLI ED AGENTI ATMOSFERICI. : PER IMPIANTI IDRAULICI CON PICCHI DI PRESSIONE SUPERIORE ALLO STANDARD. PER USI DURI.
	SEELE EINLAGE DECKE ANWENDUNG	: SPEZIELLES, SYNTETHISCHES GUMMI, BESTÄNDIG GEGEN HYDRAULIKÖLE AUF MINERAL-, GLYKOL- UND PFLANZLICHER BASIS : WAHLWEISE 4 ODER 6 SPIRALEINLAGEN AUS HOCHZUGFESTEM STAHLDRAHT : SPEZIELLES, SYNTETHISCHES GUMMI MIT HERVORRAGENDEM ABRIEBWERT, ÖL- UND WITTERUNGSBESTÄNDIG : GEEIGNET ALS HOCHDRUCKSCHLAUCH FÜR HYDRAULIKSYSTEME IN SCHWEREN ARBEITSUMGEBUNGEN MIT HOHEN DRUCKANFORDERUNGEN

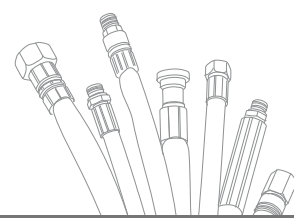


## R15 SAE 100

ID		ROD	OD	WP		BP		BR/r	W	L
Dash Size	inch	mm	mm	bar	psi	bar	psi	mm	g/m	m
-06	3/8"	9.5	17.5	420	6090	1680	24360	150	760	> 3
-08	1/2"	12.7	20.3	420	6090	1680	24360	200	915	> 3
-10	5/8"	16	25.3	420	6090	1680	24360	235	1250	> 3
-12	3/4"	19	28.2	420	6090	1680	24360	265	1540	Max. 61
-16	1"	25.4	35.1	420	6090	1680	24360	330	2120	Max. 61
-20	1 1/4"	31.8	46.3	420	6090	1680	24360	445	3905	Max. 61
-24	1 1/2"	38.1	53.7	420	6090	1680	24360	530	4905	Max. 61

HIGH PRESSURE

	TUBE REINFORCEMENT COVER APPLICATION	: MINERAL, VEGETABLE, AND GLYCOL BASED HYDRAULIC OIL RESISTANT SPECIAL SYNTHETIC RUBBER. : 4 OR 6 HIGH TENSILE STEEL SPIRAL. : OIL, SUPER HIGH ABRASION AND WEATHER RESISTANT COMPOSITE BI-LAYER SPECIAL COMPOUND. : FOR HYDRAULIC SYSTEMS WITH HIGH PEAK PRESSURES AND ARDUOUS OPERATING CONDITIONS.
	TUBE REINFORCEMENT REVETEMENT APPLICATION	: CAOUTCHOUC SYNTHETIQUE SPECIAL RESISTANT AUX FLUIDES HYDRAULIQUES A BASE D'HUILES MINERALES, GLICOLLES ET VEGETALES : 4 OU 6 NAPPES SPIRALES EN FIL D'ACIER HAUTE RESISTANCE. : CAOUTCHOUC DE MATIERE SPECIALE COMPOSITE BI-COUCHE RESISTANT A UNE ABRASION TRES ELEVEE, AUX HUILES, CARBURANTS ET AGENTS ATMOSPHERIQUES. : POUR LES SYSTEMES HYDRAULIQUES AVEC DES PICS DE PRESSION SUPERIEURE, DANS DES CONDITIONS SEVERES.
	SOTTOSTRATO RINFORZO COPERTURA IMPIEGO	: GOMMA SPECIALE SINTETICA RESISTENTE AI FLUIDI IDRAULICI CON BASE DI OLIO MINERALE E GLICOLI. : 4 O 6 SPIRALI IN ACCIAIO AD ALTISSIMA RESISTENZA. : GOMMA DI MATERIALE SPECIALE COMPOSITA BI-STRATO AD ALTA ABRASIONE, RESISTENTE AGLI OLI ED AGENTI ATMOSFERICI. : PER IMPIANTI IDRAULICI CON PICCHI DI PRESSIONE SUPERIORE ALLO STANDARD. PER USI DURI.
	SEELE EINLAGE DECKE ANWENDUNG	: SPEZIELLES, SYNTETHISCHES GUMMI, BESTÄNDIG GEGEN HYDRAULIKÖLE AUF MINERAL-, GLYKOL- UND PFLANZLICHER BASIS : WAHLWEISE 4 ODER 6 SPIRALEINLAGEN AUS HOCHZUGFESTEM STAHLDRAHT : SPEZIELLES, SYNTETHISCHES GUMMI, ÖL- UND WITTERUNGSBESTÄNDIG, MIT ZUSÄTZLICHER SCHUTZSCHICHT FÜR HERVORRAGENDE ABRIEBWERTE : GEEIGNET ALS HOCHDRUCKSCHLAUCH FÜR HYDRAULIKSYSTEME IN SCHWEREN ARBEITSUMGEBUNGEN MIT HOHEN DRUCKANFORDERUNGEN



## R16 SAE 100

Dash Size	ID		ROD	OD	WP		BP		BR/r	W	L
	inch	mm	mm	mm	bar	psi	bar	psi	mm	g/m	m
-04	1/4"	6.4	11.3	13.4	350	5075	1400	20300	50	280	>10
-05	5/16"	8	12.9	15	297	4307	1188	17226	55	330	>10
-06	3/8"	9.5	15	17.1	280	4060	1120	16240	65	420	>10
-08	1/2"	12.7	18.6	20.7	245	3553	980	14210	90	575	>10
-10	5/8"	16	21.7	23.8	192	2784	768	11136	100	685	>10
-12	3/4"	19	25.6	27.7	157	2277	628	9106	120	810	>10
-16	1"	25.4	33.3	35.5	140	2030	560	8120	150	1170	>10

HIGH PRESSURE



TUBE : MINERAL, VEGETABLE AND HYDRAULIC OIL RESISTANT SPECIAL SYNTHETIC RUBBER.  
 REINFORCEMENT : 2 HIGH TENSILE STEEL WIRE BRAID.  
 COVER : OIL, ABRASION AND WEATHER RESISTANT SPECIAL SYNTHETIC RUBBER.  
 APPLICATION : FOR MEDIUM-HIGH PRESSURE HYDRAULIC SYSTEMS USING HYDRAULIC OILS, MINERAL AND VEGETABLE LUBRICANTS.



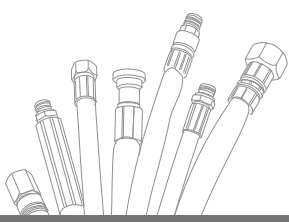
TUBE : CAOUTCHOUC SYNTHETIQUE SPECIAL RESISTANT AUX HUILES HYDRAULIQUES, MINERALES ET LUBRIFIANTS.  
 RENFORCEMENT : 2 TRESSSES D'ACIER TRES RESISTANTES.  
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE SPECIAL RESISTANT A L'ABRASION, AUX HUILES, CARBURANTS ET AGENTS ATMOSPHERIQUES.  
 APPLICATION : POUR LES SYSTEMES HYDRAULIQUES A MOYENNE ET HAUTE PRESSION, UTILISANT LES HUILES HYDRAULIQUES A BASE D'HUILES MINERALES, LUBRIFIANTS VEGETAUX ET GRAISSES.



SOTTOSTRATO : GOMMA SPECIALE SINTETICA RESISTENTE AI FLUIDI IDRAULICI A BASE DI OLIO MINERALE E VEGETALI.  
 RINFORZO : 2 TRECCE IN ACCIAIO AD ALTA TENACITÀ.  
 COPERTURA : GOMMA SPECIALE SINTETICA, RESISTENTE AGLI OLI, ABRASIONE ED AGENTI ATMOSFERICI.  
 IMPIEGO : PER SISTEMI A PRESSIONE MEDIA- ALTA CHE IMPIEGANO FLUIDI IDRAULICI A BASE DI OLIO MINERALE, LUBRIFICANTI VEGETALI E MINERALI, GREGGIO ETC.



SEELE : SPEZIELLES, SYNTETHISCHES GUMMI, BESTÄNDIG GEGEN HYDRAULIKÖLE AUF MINERAL- UND PFLANZLICHER BASIS  
 EINLAGE : 2 GEFLECHTSEINLAGEN AUS HOCHZUGFESTEM STAHLDRAHT  
 DECKE : SPEZIELLES, SYNTETHISCHES GUMMI, ÖL-, ABRIEB- UND WITTERUNGSBESTÄNDIG  
 ANWENDUNG : GEEIGNET ALS MITTEL- UND HOCHDRUCK HYDRAULIKSCHLAUCH FÜR LANDWIRTSCHAFTS- UND BAUMASCHINEN ZUR VERWENDUNG MIT MINERAL- UND BIOLOGISCHE ÖLE



## R17 SAE 100

HIGH PRESSURE

ID		ROD	OD	WP		BP		BR/r	W	L
Dash Size	inch	mm	mm	bar	psi	bar	psi	mm	g/m	m

### H31C-ONE WIRE

-04	1/4"	6.4	10.4	12.2	210	3045	840	12180	50	180	>10
-05	5/16"	8	11.5	13.6	210	3045	840	12180	55	200	>10
-06	3/8"	9.5	13.6	15.5	210	3045	840	12180	65	270	>10
-08	1/2"	12.7	16.8	19	210	3045	840	12180	90	355	>10

### H32C-TWO WIRES

-08	1/2"	12.7	18.6	20.7	210	3045	840	12180	90	575	>10
-10	5/8"	16	21.7	23.8	210	3045	840	12180	100	685	>10
-12	3/4"	19	25.6	27.7	210	3045	840	12180	120	810	>10



TUBE : MINERAL, VEGETABLE AND HYDRAULIC OIL RESISTANT SPECIAL SYNTHETIC RUBBER.  
 REINFORCEMENT : 1 OR 2 HIGH TENSILE STEEL WIRE BRAID.  
 COVER : OIL, ABRASION AND WEATHER RESISTANT SPECIAL SYNTHETIC RUBBER.  
 APPLICATION : FOR MEDIUM PRESSURE HYDRAULIC SYSTEMS IN INDUSTRY AND AGRICULTURE.



TUBE : CAOUTCHOUC SYNTHETIQUE SPECIAL RESISTANT AUX HUILES HYDRAULIQUES, MINERALES ET LUBRIFIANTS.  
 RENFORCEMENT : 1 OU 2 TRESSÉS D'ACIER TRÈS RESISTANTES.  
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE SPECIAL RESISTANT A L'ABRASION, AUX HUILES, CARBURANTS ET AGENTS ATMOSPHERIQUES.  
 APPLICATION : POUR LES SYSTEMES HYDRAULIQUES A MOYENNE PRESSION DANS L'INDUSTRIE ET L'AGRICULTURE.



SOTTOSTRATO : GOMMA SPECIALE SINTETICA RESISTENTE AI FLUIDI IDRAULICI A BASE DI OLIO MINERALE E VEGETALI.  
 RINFORZO : 1 O 2 TRECCE IN ACCIAIO AD ALTA TENACITÀ.  
 COPERTURA : GOMMA SPECIALE SINTETICA, RESISTENTE AGLI OLI, ABRASIONE ED AGENTI ATMOSFERICI.  
 IMPIEGO : PER SISTEMI CHE IMPIEGANO FLUIDI IDRAULICI A MEDIA PRESSIONE IN INDUSTRIA E AGRICOLTURA.



SEELE : SPEZIELLES, SYNTETHISCHES GUMMI, BESTÄNDIG GEGEN HYDRAULIKÖLE AUF MINERAL- UND PFLANZLICHER BASIS  
 EINLAGE : WAHLWEISE 1 ODER 2 GEFLECHTSEINLAGEN AUS HOCHZUGFESTEM STAHLDRAHT  
 DECKE : SPEZIELLES, SYNTETHISCHES GUMMI, ÖL-, ABRIEB- UND WITTERUNGSBESTÄNDIG  
 ANWENDUNG : GEEIGNET ALS MITTELDRUCK HYDRAULIKSCHLAUCH FÜR LANDWIRTSCHAFTS- UND BAUMASCHINEN



# INDUSTRIAL HOSES



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