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hydraulics



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The mentioned swaging diametres are standard gauges.  
They are based on the dimensions of the mentioned hose specifications.  
Deviations on this and also different rubber qualities require other swaging diameters.  
For this it is advisable to make pressure tests according to DIN

# ÜBERSICHTSTABELLE FASSUNGEN UND SCHLÄUCHE PRODUCT OVERVIEW OF FERRULES AND HOSES

In der Übersichtstabelle finden Sie die richtige Fassung zu Ihrem Schlauch.  
Here you will find the correct ferrule to your hose.

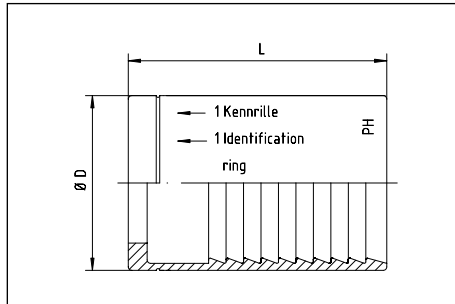
skive = schälen  
non skive = nicht schälen

Schlauch-Typ Hose-Type →			2 TE - EN 854	3 TE - EN 854	1 ST - EN 853	2 ST - EN 853	1 SN - EN 853 SAE 100 R1AT	2 SN - EN 853 SAE 100 R2AT
DN	Größe size dash	Zoll inch	Fassung-Typ Ferrule-Type	Fassung-Typ Ferrule-Type	Fassung-Typ Ferrule-Type	Fassung-Typ Ferrule-Type	Fassung-Typ Ferrule-Type	Fassung-Typ Ferrule-Type
06	04	1/4"	P1 non skive	P2 non skive	P1 skive	P3 skive	P1 <u>non skive</u> skive	P2 non skive P3 skive
08	05	5/16"	P1 non skive	P2 non skive	P1 skive	P3 skive	P1 <u>non skive</u> skive	P2 non skive P3 skive
10	06	3/8"	P1 non skive	P2 non skive	P1 skive	P3 skive	P1 <u>non skive</u> skive	P2 non skive P3 skive
12	08	1/2"	P1 non skive	P2 non skive	P1 skive	P3 skive	P1 <u>non skive</u> skive	P2 non skive P3 skive
16	10	5/8"	P1 non skive	P2 non skive	P1 skive	P3 skive	P1 <u>non skive</u> skive	P2 non skive P3 skive
19	12	3/4"	P1 non skive	P2 non skive	P1 skive	P3 skive	P1 <u>non skive</u> skive	P2 non skive P3 skive
25	16	1"	P1 non skive	P2 non skive	P1 skive	P3 skive	P1 <u>non skive</u> skive	P2 non skive P3 skive
31	20	1 1/4"		P2 non skive	P1 skive	P3 skive	P1 <u>non skive</u> skive	P8 non skive P3 skive
38	24	1 1/2"		P2 non skive	P1 skive	P3 skive	P1 <u>non skive</u> skive	P8 non skive P3 skive
51	32	2"		P2 non skive	P1 skive	P3 skive	P1 <u>non skive</u> skive	P8 non skive P3 skive
60	38	2 3/8"		P2 non skive				P8 non skive
76	48	3"						P8 non skive
80				P2 non skive				

1 SC - EN 857	2 SC - EN 857	4 SP - EN 856	4 SH - EN 856	R 13 - EN 856	SAE 100 R 15	R 7 - EN 855	PTFE - glatt PTFE - flat
Fassung-Typ Ferrule-Type	Fassung-Typ Ferrule-Type	Fassung-Typ Ferrule-Type	Fassung-Typ Ferrule-Type Interlock	Fassung-Typ Ferrule-Type Interlock	Fassung-Typ Ferrule-Type Interlock	Fassung-Typ Ferrule-Type	Fassung-Typ Ferrule-Type
P9 non skive	P1 <u>non skive</u> skive	P3 skive				PF-R7 non skive	PF-PTFE
P9 non skive	P1 <u>non skive</u> skive					PF-R7 non skive	PF-PTFE
P9 non skive	P1 <u>non skive</u> skive	P3 skive				PF-R7 non skive	PF-PTFE
P9 non skive	P1 <u>non skive</u> skive	P3 skive				PF-R7 non skive	PF-PTFE
P1 non skive	P1 <u>non skive</u> skive	P3 skive				PF-R7 non skive	PF-PTFE
P1 non skive	P1 <u>non skive</u> skive	P3 skive	P4-I internal + external skive	P6-I internal + external skive	P7-I internal + external skive	PF-R7 non skive	PF-PTFE
P1 non skive	P1 <u>non skive</u> skive	P3 skive	P4-I internal + external skive	P6-I internal + external skive	P7-I internal + external skive	PF-R7 non skive	PF-PTFE
		P3 skive	P4-I internal + external skive	P6-I internal + external skive	P7-I internal + external skive		
		P3 skive	P4-I internal + external skive	P6-I internal + external skive	P7-I internal + external skive		
		P3 skive	P4-I internal + external skive	P6-I internal + external skive			

PF-PTFE  
für Schlauchtyp:  
PTFE-Schlauch, dicke Seele, mit 1 Klöppellage, Katalog-Seite 17.20

PF-PTFE  
for hose type:  
PTFE-hose, heavy wall, with 1 braid, catalog-page 17.20



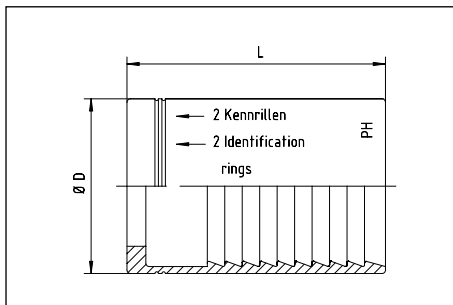
Zu verwenden für Nippel Katalog-Seite 2.10 - 2.45

To use for nipples catalog-page 2.10 - 2.45

Schlauch Hose DN	DN Bore in.	D	L	Bemerkungen Notes	Bestellzeichen Order-Code
06	1/4"	14	33,0		PF-PTFE-DN 06
08	5/16"	17	33,0		PF-PTFE-DN 08
10	3/8"	19	33,0		PF-PTFE-DN 10
12	1/2"	23	35,0		PF-PTFE-DN 12
16	5/8"	27	38,0		PF-PTFE-DN 16
19	3/4"	30	44,0		PF-PTFE-DN 19
25	1"	37	50,0		PF-PTFE-DN 25

PF-R7 - nicht schälen  
für Schlauchtyp:  
SAE 100 R7

PF-R7 - non skive  
for hose type:  
SAE 100 R7

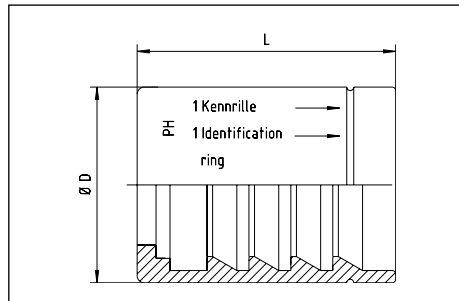


Zu verwenden für Nippel Katalog-Seite 2.10 - 2.45

To use for nipples catalog-page 2.10 - 2.45

Schlauch Hose DN	DN Bore in.	D	L	Bemerkungen Notes	Bestellzeichen Order-Code
06	1/4"	18	34,5		PF-R7-DN 06
08	5/16"	19	34,5		PF-R7-DN 08
10	3/8"	22	35,0		PF-R7-DN 10
12	1/2"	25	37,0		PF-R7-DN 12
16	5/8"	30	40,0		PF-R7-DN 16
19	3/4"	33	45,0		PF-R7-DN 19
25	1"	40	50,0		PF-R7-DN 25

P1  
für Schlauchtyp:  
2 TE - DIN - EN 854 - DN <25  
1 SN - DIN - EN 853 + SAE 100 R1AT  
1 ST - DIN - EN 853 + SAE 100 R1A  
1 SC - DIN - EN 857 - DN 16 - 19 - 25  
2 SC - Compact - DIN - EN 857



Zu verwenden für Nippel Katalog-Seite 2.10 - 2.45

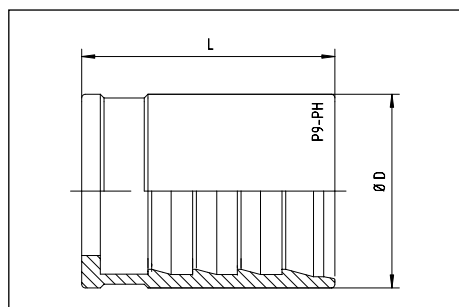
P1  
for hose type:  
2 TE - DIN - EN 854 - DN <25  
1 SN - DIN - EN 853 + SAE 100 R1AT  
1 ST - DIN - EN 853 + SAE 100 R 1 A  
1 SC - DIN - EN 857 - DN 16 - 19 - 25  
2 SC - Compact - DIN - EN 857



To use for nipples catalog-page 2.10 - 2.45

Schlauch Hose DN	DN Bore in.	D	L	Bemerkungen Notes	Bestellzeichen Order-Code
06	1/4"	20	34,5		P1-DN 06
08	5/16"	22	34,5		P1-DN 08
10	3/8"	25	35,0		P1-DN 10
12	1/2"	28	37,0		P1-DN 12
16	5/8"	32	40,0		P1-DN 16
19	3/4"	36	45,0		P1-DN 19
25	1"	45	50,0		P1-DN 25
31	1 1/4"	55	70,0		P1-DN 31
38	1 1/2"	60	70,0		P1-DN 38
51	2"	76	80,0		P1-DN 51

P9 - nicht schälen  
für Schlauchtyp:  
1 SC - DIN - EN 857



Zu verwenden für Nippel Katalog-Seite 2.10 - 2.45

P9 - non skive  
for hose type:  
1 SC - DIN - EN 857



To use for nipples catalog-page 2.10 - 2.45

Schlauch Hose DN	DN Bore in.	D	L	Bemerkungen Notes	Bestellzeichen Order-Code
06	1/4"	18	30,5		P9-DN 06
08	5/16"	19	32,0		P9-DN 08
10	3/8"	22	33,0		P9-DN 10
12	1/2"	26	34,0		P9-DN 12

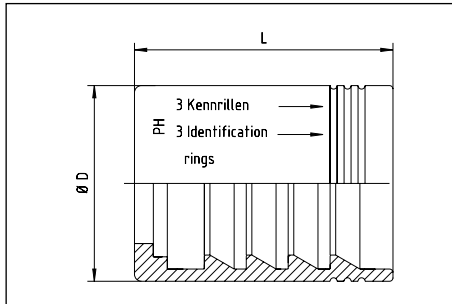
## P3 - schälen

für Schlauchtyp:

2 ST - DIN - EN 853 + SAE 100 R2A

2 SN - DIN - EN 853 + SAE 100 R2AT

4 SP - DIN - EN 856



Zu verwenden für Nippel Katalog-Seite 2.10 - 2.45

## P3 - skive

for hose type:

2 ST - DIN - EN 853 + SAE 100 R2A

2 SN - DIN - EN 853 + SAE 100 R2AT

4 SP - DIN - EN 856

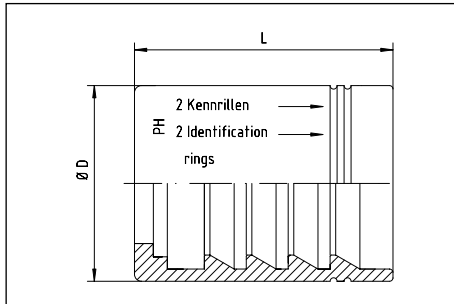


To use for nipples catalog-page 2.10 - 2.45

Schlauch Hose DN	DN Bore in.	D	L	Bemerkungen Notes	Bestellzeichen Order-Code
06	1/4"	22	34,5	signiert mit Sp4 / marked with Sp4	P3Sp4-DN 06
06	1/4"	22	34,5	nicht für Sp4 / not for Sp4	P3-DN 06
08	5/16"	24	34,5		P3-DN 08
10	3/8"	26	35,0		P3-DN 10
12	1/2"	30	37,0		P3-DN 12
16	5/8"	33	40,0		P3-DN 16
19	3/4"	38	45,0		P3-DN 19
25	1"	46	50,0		P3-DN 25
31	1 1/4"	58	70,0		P3-DN 31
38	1 1/2"	64	70,0		P3-DN 38
51	2"	76	80,0	nicht für Sp4 / not for Sp4	P3-DN 51
51	2"	76	80,0	signiert mit Sp4 / marked with Sp4	P3Sp4-DN 51

P2 - nicht schälen  
für Schlauchtyp:  
2 SN - DIN - EN 853 + SAE 100 R2AT - DN 06 bis DN 25  
3 TE - DIN - EN 854 + 3 TB

P2 - non skive  
for hose type:  
2 SN - DIN - EN 853 + SAE 100 R2AT - DN 06 up to DN 25  
3 TE - DIN EN 854 + 3 TB



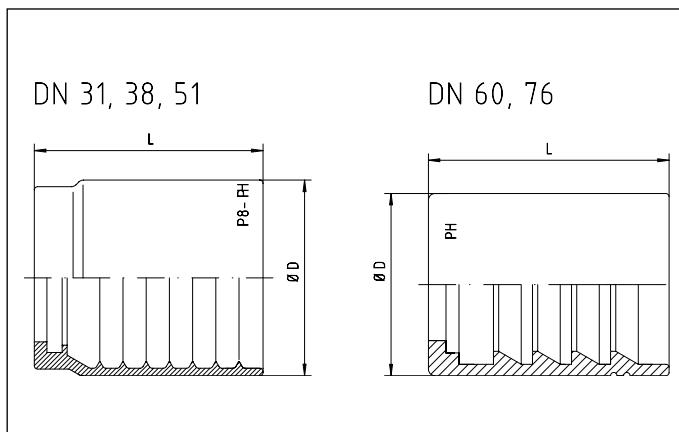
Zu verwenden für Nippel Katalog-Seite 2.10 - 2.45

To use for nipples catalog-page 2.10 - 2.45

Schlauch Hose DN	DN Bore in.	D	L	Bemerkungen Notes	Bestellzeichen Order-Code
06	1/4"	22,0	34,5		P2-DN 06
08	5/16"	24,0	34,5		P2-DN 08
10	3/8"	26,0	35,0		P2-DN 10
12	1/2"	30,0	37,0		P2-DN 12
16	5/8"	33,0	40,0		P2-DN 16
19	3/4"	38,0	45,0		P2-DN 19
25	1"	46,0	50,0		P2-DN 25
31	1 1/4"	55,0	70,0	nicht für (not for) 2 SN	P2-DN 31
38	1 1/2"	60,0	70,0	nicht für (not for) 2 SN	P2-DN 38
51	2"	76,0	80,0	nicht für (not for) 2 SN	P2-DN 51
60	2 3/8"	82,5	72,0	nicht für (not for) 2 SN	P2-DN 60
80		108,0	90,0	nicht für (not for) 2 SN	P2-DN 80

P8 - nicht schälen  
für Schlauchtyp:  
2 SN - DIN - EN 853

P8 - non skive  
for hose type:  
2 SN - DIN - EN 853



Zu verwenden für Nippel Katalog-Seite 2.10 - 2.45

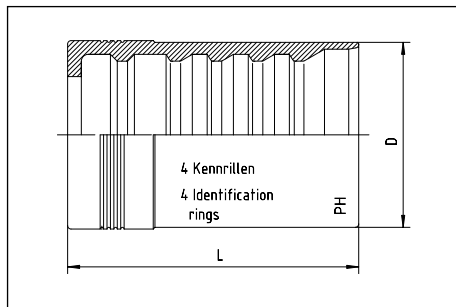
To use for nipples catalog-page 2.10 - 2.45

Schlauch Hose DN	DN Bore in.	D	L	Bemerkungen Notes	Bestellzeichen Order-Code
31	1 1/4"	59,0	66,5		P8-DN 31
38	1 1/2"	67,0	67,0		P8-DN 38
51	2"	80,0	75,0		P8-DN 51
60	2 3/8"	82,5	72,0		P8-DN 60
76	3"	103,0	75,0		P8-DN 76



mit Ausreißsicherung - schwere Reihe  
Interlock-Serie

außen und innen schälen



Zu verwenden für Nippel Katalog-Seite 3.5 - 3.16

with wire trap area - heavy series  
Interlock-series

external and internal skive

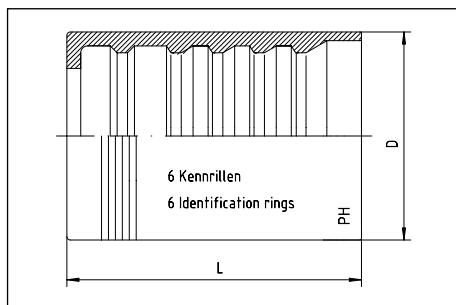


To use for nipples catalog-page 3.5 - 3.16

Schlauch Hose DN	DN Bore in.	D	L	für Schlauchtyp for hose type	Bestellzeichen Order-Code
19	3/4"	38	56	4 SP + 4 SH	P4-I-DN 19
25	1"	46	75	4 SP + 4 SH + R 12	P4-I-DN 25
31	1 1/4"	55	85	4 SH	P4-I-DN 31
38	1 1/2"	64	100	4 SH	P4-I-DN 38
51	2"	78	103	4 SH	P4-I-DN 51

mit Ausreißsicherung - schwere Reihe  
Interlock-Serie

außen und innen schälen



Zu verwenden für Nippel Katalog-Seite 3.5 - 3.16

with wire trap area - heavy series  
Interlock-series

external and internal skive

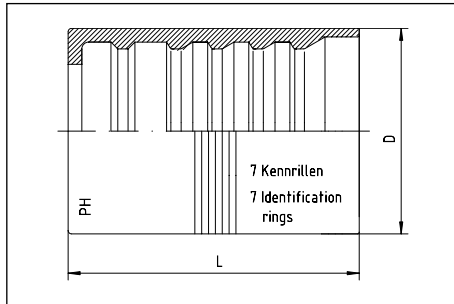


To use for nipples catalog-page 3.5 - 3.16

Schlauch Hose DN	DN Bore in.	D	L	für Schlauchtyp for hose type	Bestellzeichen Order-Code
19	3/4"	38,0	56	R 13	P6-I-DN 19
25	1"	46,0	75	R 13	P6-I-DN 25
31	1 1/4"	60,0	85	R 13	P6-I-DN 31
38	1 1/2"	70,0	100	R 13	P6-I-DN 38
51	2"	84,5	103	R 13	P6-I-DN 51

mit Ausreißsicherung - schwere Reihe  
Interlock-Serie

außen und innen schälen



Zu verwenden für Nippel Katalog-Seite 3.5 - 3.16

with wire trap area - heavy series  
Interlock-series

external and internal skive

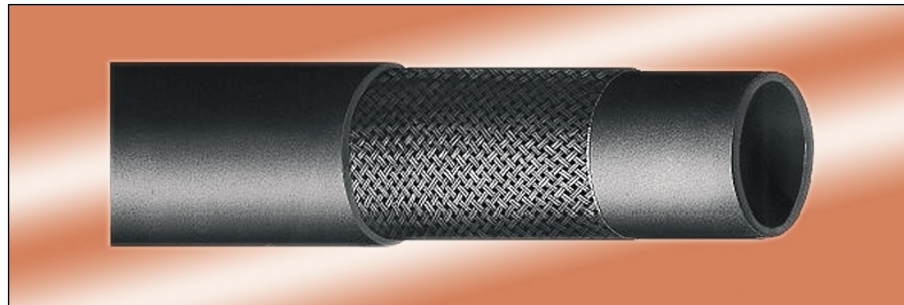


To use for nipples catalog-page 3.5 - 3.16

Schlauch Hose DN	DN Bore in.	D	L	für Schlauchtyp for hose type	Bestellzeichen Order-Code
19	3/4"	38	56	R 15	P7-I-DN 19
25	1"	46	71	R 15	P7-I-DN 25
31	1 1/4"	60	85	R 15	P7-I-DN 31
38	1 1/2"	70	100	R 15	P7-I-DN 38

Seele: ölbeständiges synthetisches Gummi  
 Druckträger: ein Textilgeflecht  
 Decke: synthetisches Gummi mit hoher Abrieb-, Ozon- und Wetterfestigkeit

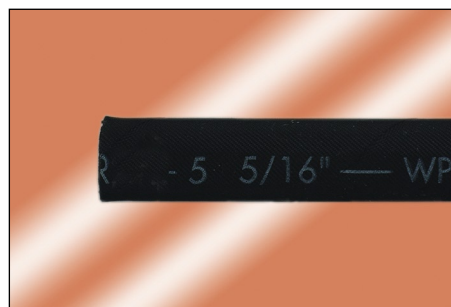
Tube: oil resistant synthetic rubber  
 Reinforcement: one textile braid  
 Cover: synthetic rubber with high abrasion, ozone and weather resistance



DN mm	Größe Hose size		I.D. I.D. mm	A.D. O.D. mm	bar		Min. Berstdruck min. burst pressure		Min. Biegeradius min. bend radius mm	kg Gewicht weight g/m
	Size	Zoll			bar	P.S.I.	bar	P.S.I.		
06	-4	1/4"	6,4	13,0	75	1080	300	4350	40	130
08	-5	5/16"	7,9	14,6	68	980	272	3940	50	145
10	-6	3/8"	9,5	16,1	63	910	252	3650	60	180
12	-8	1/2"	12,7	19,2	58	840	232	3360	70	220
16	-10	5/8"	15,9	23,6	50	720	200	2900	90	290
19	-12	3/4"	19,0	26,5	45	650	180	2610	110	365
25	-16	1"	25,4	33,4	40	580	160	2320	130	525

Preßfassung : P1 - Seite 4  
 Swage ferrule: P1 - page 4

nicht schälen  
 non skive



Fassung-Typ Ferrule-type	nicht schälen non skive	Preßdurchmesser Swage diameter mm
P1 - DN 06 (1/4")	"	17,2
P1 - DN 08 (5/16")	"	18,7
P1 - DN 10 (3/8")	"	21,8
P1 - DN 12 (1/2")	"	24,5
P1 - DN 16 (5/8")	"	28,5
P1 - DN 19 (3/4")	"	31,5
P1 - DN 25 (1")	"	39,0

Seele: ölbeständiges synthetisches Gummi  
 Druckträger: zwei Textilgeflechte  
 Decke: synthetisches Gummi mit hoher Abrieb-, Ozon- und Wetterfestigkeit  
 DN 60 + DN 80 mit zusätzlicher Stahldrahtspirale

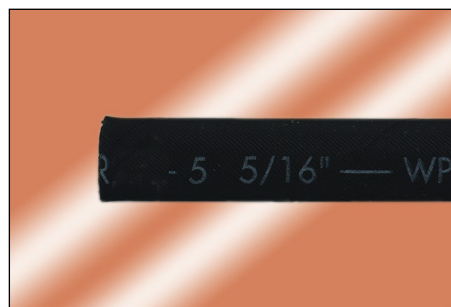
Tube: oil resistant synthetic rubber  
 Reinforcement: two textile braids  
 Cover: synthetic rubber with high abrasion, ozone and weather resistance  
 DN 60 + DN 80 with steel helical body wire



DN mm	Größe Hose size		I.D. I.D. mm	A.D. O.D. mm	Max. Betriebsdruck max. working pressure		Min. Berstdruck min. burst pressure		Min. Biegeradius min. bend radius mm	Gewicht weight g/m
	Size	Zoll			bar	P.S.I.	bar	P.S.I.		
06	-4	1/4"	6,4	14,2	145	2100	580	8410	45	150
08	-5	5/16"	7,9	16,6	130	1880	520	7540	55	210
10	-6	3/8"	9,5	18,2	110	1590	440	6380	70	230
12	-8	1/2"	12,7	21,5	93	1340	372	5390	85	290
16	-10	5/8"	15,9	25,6	80	1160	320	4640	105	385
19	-12	3/4"	19,0	28,8	70	1010	280	4060	130	450
25	-16	1"	25,4	35,4	55	790	220	3190	150	570
31	-20	1 1/4"	31,8	42,0	45	650	180	2610	190	570
38	-24	1 1/2"	38,1	49,0	40	580	160	2320	240	930
51	-32	2"	50,8	62,2	33	470	132	1910	300	1300
60	-38	2 3/8"	60,0	72,0	25	360	100	1450	400	1790
80		3"	80,0	94,0	18	260	72	1040	500	3050

Preßfassung : P2 - Seite 6  
 Swage ferrule: P2 - page 6

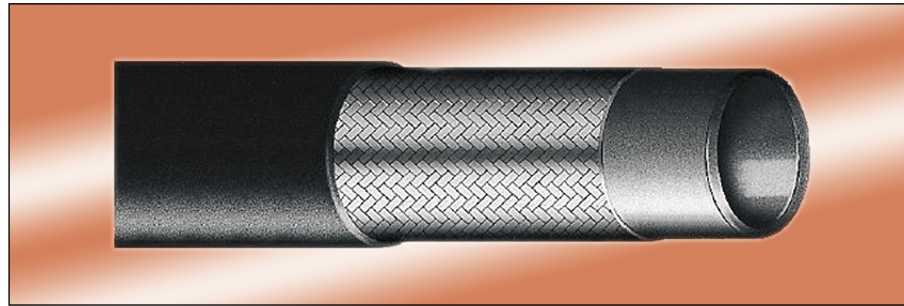
nicht schälen  
 non skive



Fassung-Typ Ferrule-type	nicht schälen non skive	Preßdurchmesser Swage diameter mm
P2 - DN 06 (1/4")	"	18,0
P2 - DN 08 (5/16")	"	20,5
P2 - DN 10 (3/8")	"	22,3
P2 - DN 12 (1/2")	"	26,0
P2 - DN 16 (5/8")	"	29,0
P2 - DN 19 (3/4")	"	33,5
P2 - DN 25 (1")	"	39,5
P2 - DN 31 (1 1/4")	"	49,5
P2 - DN 38 (1 1/2")	"	54,0
P2 - DN 51 (2")	"	70,0
P2 - DN 60 (2 3/8")	"	75,0
P2 - DN 80	"	103,0

Seele: ölbeständiges synthetisches Gummi  
 Druckträger: ein hochzugfestes Stahldrahtgeflecht  
 Decke: synthetisches Gummi mit hoher Abrieb-, Ozon-,  
 Wetter- und Flammfestigkeit

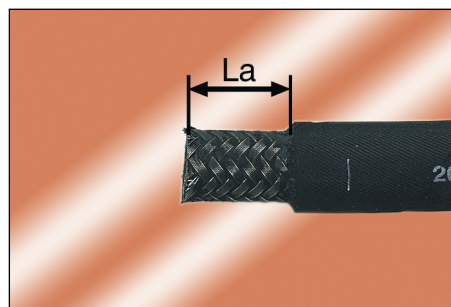
Tube: oil resistant synthetic rubber  
 Reinforcement: one high tensile steel braid  
 Cover: synthetic rubber with high abrasion, ozone, weather  
 and flame resistance



DN mm	Größe Hose size		I.D. I.D. mm	A.D. über Draht R.O.D. mm	A.D. O.D. mm	Max. Betriebsdruck max. working pressure		Min. Berstdruck min. burst pressure		Min. Biegeradius min. bend radius mm	Gewicht weight g/m
	Size	Zoll				bar	P.S.I.	bar	P.S.I.		
06	-4	1/4"	6,4	11,1	15,9	225	3265	900	13050	100	310
08	-5	5/16"	7,9	12,7	17,5	215	3120	850	12320	115	340
10	-6	3/8"	9,5	15,1	19,9	180	2610	720	10440	130	430
12	-8	1/2"	12,7	18,3	23,0	160	2320	640	9280	180	530
16	-10	5/8"	15,9	21,5	26,2	130	1885	520	7540	200	625
19	-12	3/4"	19,0	25,2	30,0	105	1520	420	6090	240	780
25	-16	1"	25,4	33,1	37,8	88	1270	350	5070	300	1080
31	-20	1 1/4"	31,8	40,6	45,8	63	910	250	3620	419	1440
38	-24	1 1/2"	38,1	47,0	52,1	50	725	200	2900	500	1670
51	-32	2"	50,8	60,4	66,4	40	580	160	2320	630	2450

Preßfassung : P1 - Seite 4  
 Swage ferrule: P1 - page 4

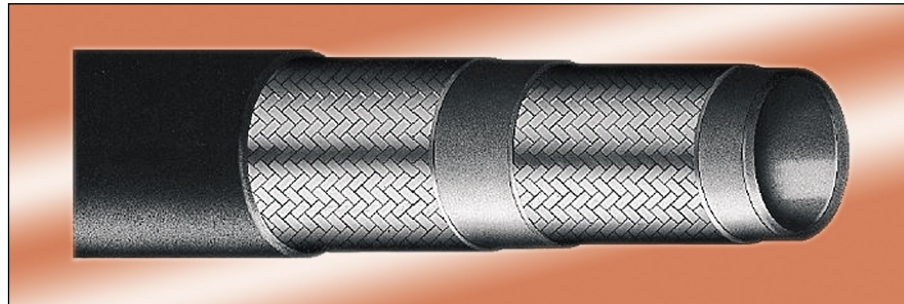
für schälen  
 for skive



Fassung-Typ Ferrule-type	Schällänge - La skive length - La mm	Preßdurchmesser Swage diameter mm
P1 - DN 06 (1/4")	25,0	16,4
P1 - DN 08 (5/16")	25,0	18,3
P1 - DN 10 (3/8")	25,5	21,3
P1 - DN 12 (1/2")	28,5	23,6
P1 - DN 16 (5/8")	30,0	27,0
P1 - DN 19 (3/4")	35,0	31,0
P1 - DN 25 (1")	39,0	39,0
P1 - DN 31 (1 1/4")	55,5	49,0
P1 - DN 38 (1 1/2")	55,5	53,3
P1 - DN 51 (2")	66,0	68,2

Seele: ölbeständiges synthetisches Gummi  
 Druckträger: zwei hochzugfeste Stahldrahtgeflechte  
 Decke: synthetisches Gummi mit hoher Abrieb-, Ozon-,  
 Wetter- und Flammfestigkeit

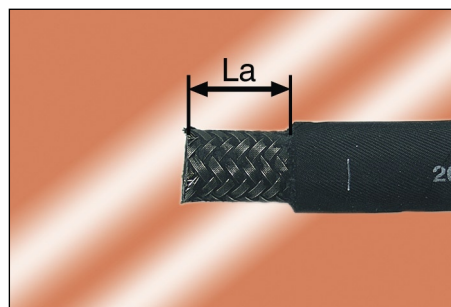
Tube: oil resistant synthetic rubber  
 Reinforcement: two high tensile steel braids  
 Cover: synthetic rubber with high abrasion, ozone, weather  
 and flame resistance



DN mm	Größe Hose size		I.D. I.D. mm	A.D. über Draht R.O.D. mm	A.D. O.D. mm	Max. Betriebsdruck max. working pressure		Min. Berstdruck min. burst pressure		Min. Biegeradius min. bend radius mm	Gewicht weight g/m
	Size	Zoll				bar	P.S.I.	bar	P.S.I.		
06	-4	1/4"	6,4	12,7	17,2	400	5800	1750	25370	100	460
08	-5	5/16"	7,9	14,3	18,9	350	5070	1480	21460	114	510
10	-6	3/8"	9,5	16,7	21,3	350	5070	1400	20300	127	635
12	-8	1/2"	12,7	19,8	24,5	350	5070	1400	20300	178	770
16	-10	5/8"	15,9	23,0	27,7	250	3620	1020	14790	200	890
19	-12	3/4"	19,0	27,0	31,6	215	3120	900	13050	240	1090
25	-16	1"	25,4	34,8	39,5	175	2530	670	9710	300	1530
31	-20	1 1/4"	31,8	44,3	50,6	140	2030	600	8700	419	2335
38	-24	1 1/2"	38,1	50,7	57,0	100	1450	500	7250	500	2680
51	-32	2"	50,8	63,5	69,8	90	1360	420	6090	630	3625

Preßfassung : P3 - Seite 5  
 Swage ferrule: P3 - page 5

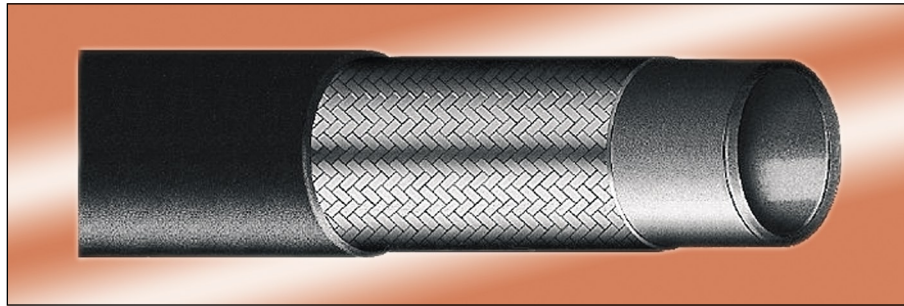
für schälen  
 for skive



Fassung-Typ Ferrule-type	Schällänge - La skive length - La mm	Preßdurchmesser Swage diameter mm
P3 - DN 06 (1/4")	25,0	18,8
P3 - DN 08 (5/16")	25,0	20,7
P3 - DN 10 (3/8")	25,0	22,8
P3 - DN 12 (1/2")	27,0	26,2
P3 - DN 16 (5/8")	28,0	29,3
P3 - DN 19 (3/4")	33,5	33,5
P3 - DN 25 (1")	38,0	41,6
P3 - DN 31 (1 1/4")	55,0	52,4
P3 - DN 38 (1 1/2")	56,0	57,0
P3 - DN 51 (2")	66,0	71,0

Seele: ölbeständiges synthetisches Gummi  
 Druckträger: ein hochzugfestes Stahldrahtgeflecht  
 Decke: synthetisches Gummi mit hoher Temperatur-,  
 Ozon- und Abriebfestigkeit

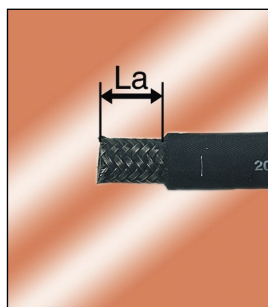
Tube: oil resistant synthetic rubber  
 Reinforcement: one high tensile steel braid  
 Cover: synthetic rubber with high temperature, ozone and  
 abrasion resistance



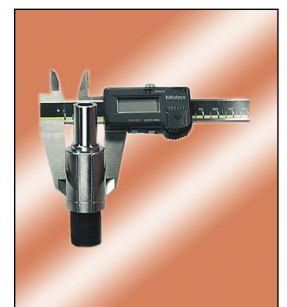
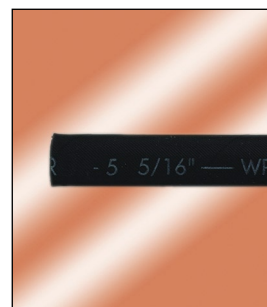
DN mm	Größe Hose size		I.D. I.D. mm	A.D. über Draht R.O.D. mm	A.D. O.D. mm	Max. Betriebsdruck max. working pressure		Min. Berstdruck min. burst pressure		Min. Biegeradius min. bend radius mm	Gewicht weight g/m
	Size	Zoll				bar	P.S.I.	bar	P.S.I.		
06	-4	1/4"	6,4	11,0	13,0	225	3260	900	13050	100	240
08	-5	5/16"	7,9	12,6	14,6	215	3110	850	12320	114	280
10	-6	3/8"	9,5	15,0	17,0	180	2610	720	10440	127	360
12	-8	1/2"	12,7	18,1	20,1	160	2320	640	9280	178	450
16	-10	5/8"	15,9	21,3	23,3	130	1880	520	7540	200	510
19	-12	3/4"	19,0	25,2	27,4	105	1520	420	6090	240	650
25	-16	1"	25,4	33,1	35,3	88	1270	350	5070	300	960
31	-20	1 1/4"	31,8	40,6	43,3	63	910	250	3620	419	1250
38	-24	1 1/2"	38,1	47,0	49,7	50	720	200	2900	500	1600
51	-32	2"	50,8	60,4	63,1	40	580	160	2320	630	2200

Preßfassung : P1 - Seite 4  
 Swage ferrule: P1 - page 4

für schälen  
 for skive



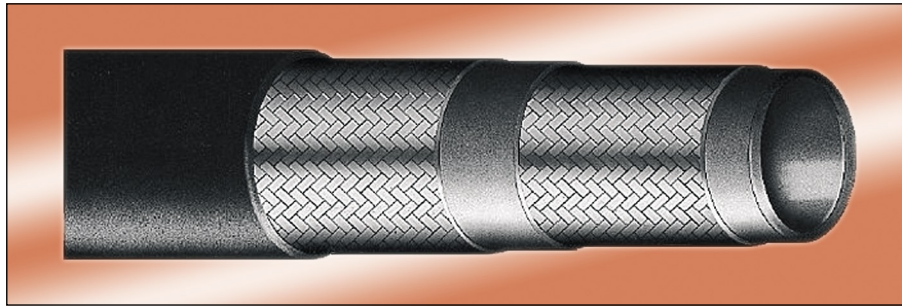
nicht schälen  
 non skive



Fassung-Typ Ferrule-type	Schällänge - La skive length - La mm	Preßdurchmesser Swage diameter mm	nicht schälen non skive	Preßdurchmesser Swage diameter mm
P1 - DN 06 (1/4")	25,0	16,4	"	16,7
P1 - DN 08 (5/16")	25,0	18,3	"	19,0
P1 - DN 10 (3/8")	25,5	21,3	"	21,8
P1 - DN 12 (1/2")	28,5	23,6	"	24,5
P1 - DN 16 (5/8")	30,0	27,0	"	28,0
P1 - DN 19 (3/4")	35,0	31,0	"	31,7
P1 - DN 25 (1")	39,0	39,0	"	40,0
P1 - DN 31 (1 1/4")	55,5	49,0	"	49,7
P1 - DN 38 (1 1/2")	55,5	53,3	"	54,5
P1 - DN 51 (2")	66,0	68,2	"	70,5

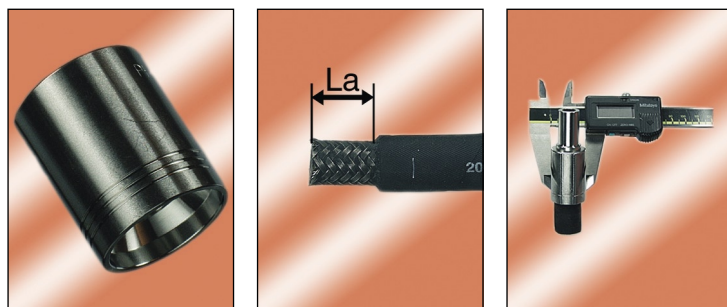
Seele: ölbeständiges synthetisches Gummi  
 Druckträger: zwei hochzugfeste Stahldrahtgeflechte  
 Decke: synthetisches Gummi mit hoher Temperatur-,  
 Ozon- und Abriebfestigkeit

Tube: oil resistant synthetic rubber  
 Reinforcement: two high tensile steel braids  
 Cover: synthetic rubber with high temperature, ozone and  
 abrasion resistance



DN mm	Größe Hose size		I.D. I.D. mm	A.D. über Draht R.O.D. mm	A.D. O.D. mm	Max. Betriebsdruck max. working pressure		Min. Berstdruck min. burst pressure		Min. Biegeradius min. bend radius mm	Gewicht weight g/m
	Size	Zoll				bar	P.S.I.	bar	P.S.I.		
06	-4	1/4"	6,4	12,7	14,7	400	5800	1600	23200	100	360
08	-5	5/16"	7,9	14,3	16,3	350	5070	1400	20300	114	400
10	-6	3/8"	9,5	16,7	18,7	330	4780	1320	19140	127	510
12	-8	1/2"	12,7	19,8	21,8	275	3980	1100	15950	178	620
16	-10	5/8"	15,9	23,0	25,0	250	3620	1000	14500	200	715
19	-12	3/4"	19,0	27,0	29,2	215	3110	850	12320	240	920
25	-16	1"	25,4	34,8	37,0	165	2390	650	9420	300	1305
31	-20	1 1/4"	31,8	44,3	47,0	125	1810	500	7250	419	1965
38	-24	1 1/2"	38,1	50,7	53,4	90	1300	360	5220	500	2265
51	-32	2"	50,8	63,5	66,2	80	1160	320	4640	630	3115
60	-38	2 3/8"	60,0	68,8	71,5	90	1300	360	5220	650	2660
76	-48	3"	76,2	87,8	90,5	45	650	180	2610	900	3180

Preßfassung : P3 - Seite 5 für schälen  
 Swage ferrule: P3 - page 5 for skive



Preßfassung : P2 / P8 - Seite 6 - nicht schälen  
 Swage ferrule: P2 / P8 - page 6 - non skive

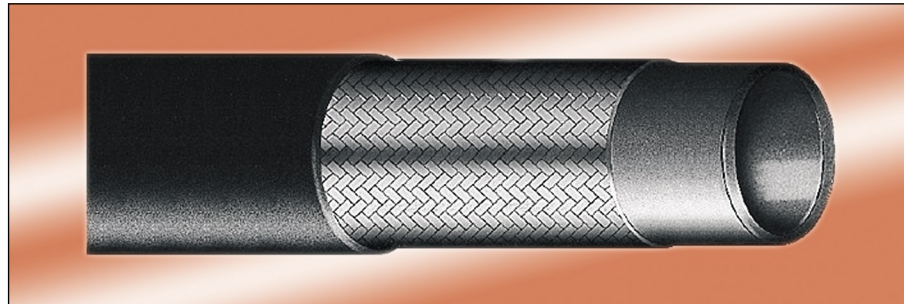









Fassung-Typ Ferrule-type	Schällänge - La skive length - La mm	Preßdurchmesser Swage diameter mm	Fassung-Typ Ferrule-type	nicht schälen non skive	Preßdurchmesser Swage diameter mm
P3 - DN 06 (1/4")	25,0	18,8	P2 - DN 06 (1/4")	"	18,5
P3 - DN 08 (5/16")	25,0	20,7	P2 - DN 08 (5/16")	"	20,5
P3 - DN 10 (3/8")	25,0	22,8	P2 - DN 10 (3/8")	"	22,3
P3 - DN 12 (1/2")	27,0	26,2	P2 - DN 12 (1/2")	"	26,2
P3 - DN 16 (5/8")	28,0	29,3	P2 - DN 16 (5/8")	"	28,5
P3 - DN 19 (3/4")	33,5	33,5	P2 - DN 19 (3/4")	"	33,5
P3 - DN 25 (1")	38,0	41,6	P2 - DN 25 (1")	"	40,5
P3 - DN 31 (1 1/4")	55,0	52,4	P8 - DN 31 (1 1/4")	"	50,0
P3 - DN 38 (1 1/2")	56,0	57,0	P8 - DN 38 (1 1/2")	"	59,0
P3 - DN 51 (2")	66,0	71,0	P8 - DN 51 (2")	"	72,3
			P8 - DN 60 (2 3/8")	"	75,0
			P8 - DN 76 (3")	"	96,0



Hohe Flexibilität, kleiner Biegeradius, geringes Gewicht  
 Seele: ölbeständiges synthetisches Gummi  
 Druckträger: zwei hochzugfeste Stahldrahtgeflechte  
 Decke: synthetisches Gummi mit hoher Abrieb-, Ozon-,  
 Wetter- und Flammfestigkeit

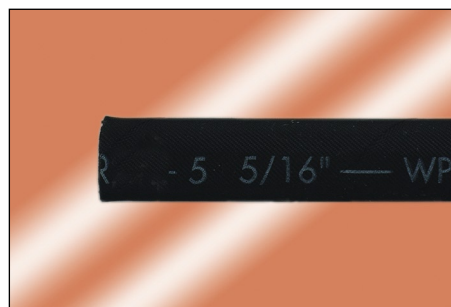
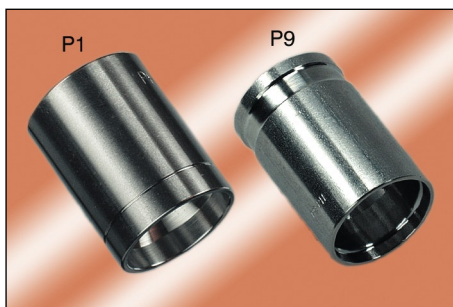
High flexibility, excellent bend radius, low weight  
 Tube: oil resistant synthetic rubber  
 Reinforcement: two high tensile steel braids  
 Cover: synthetic rubber with high abrasion, ozone, weather  
 and flame resistance



DN mm	Größe Hose size										
	Size	Zoll	I.D. mm	A.D. über Draht R.O.D. mm	A.D. O.D. mm	Max. Betriebsdruck max. working pressure		Min. Berstdruck min. burst pressure		Min. Biegeradius min. bend radius mm	Gewicht weight g/m
						bar	P.S.I.	bar	P.S.I.		
06	-4	1/4"	6,4	10,2	12,0	225	3260	1050	15220	50	180
08	-5	5/16"	7,9	11,5	13,6	215	3110	1000	14500	55	210
10	-6	3/8"	9,5	13,6	15,5	180	2610	850	12320	60	260
12	-8	1/2"	12,7	17,1	18,9	160	2320	660	9570	70	335
16	-10	5/8"	15,9	20,6	22,4	130	1880	620	8990	90	440
19	-12	3/4"	19,0	23,9	25,9	105	1520	480	6960	100	535
25	-16	1"	25,4	31,3	33,3	88	1270	380	5510	160	765

Preßfassung : P9 - DN 06 - DN 12 - Seite 4  
 P1 - DN 16 - DN 25 - Seite 4  
 Swage ferrule: P9 - DN 06 - DN 12 - page 4  
 P1 - DN 16 - DN 25 - page 4

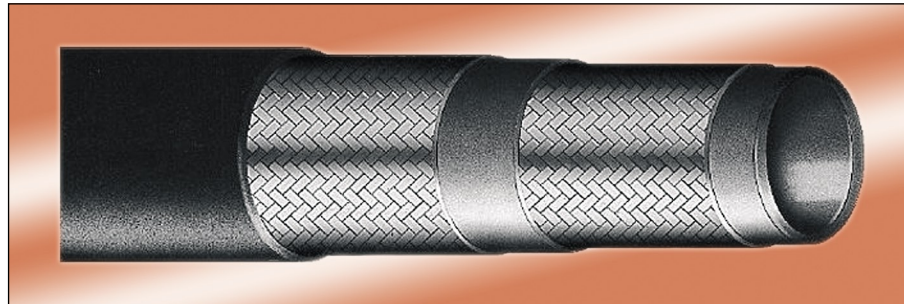
nicht schälen  
 non skive



Fassung-Typ Ferrule-type	nicht schälen non skive	Preßdurchmesser Swage diameter mm
P9 - DN 06 (1/4")	"	15,0
P9 - DN 08 (5/16")	"	16,3
P9 - DN 10 (3/8")	"	18,6
P9 - DN 12 (1/2")	"	22,7
P1 - DN 16 (5/8")	"	27,4
P1 - DN 19 (3/4")	"	31,0
P1 - DN 25 (1")	"	38,2

Hohe Flexibilität, kleiner Biegeradius, geringes Gewicht  
 Seele: ölbeständiges synthetisches Gummi  
 Druckträger: zwei hochzugfeste Stahldrahtgeflechte  
 Decke: synthetisches Gummi mit hoher Abrieb-, Ozon-,  
 Wetter- und Flammfestigkeit

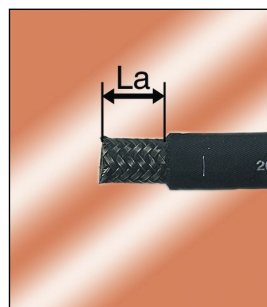
High flexibility, excellent bend radius, low weight  
 Tube: oil resistant synthetic rubber  
 Reinforcement: two high tensile steel braids  
 Cover: synthetic rubber with high abrasion, ozone, weather  
 and flame resistance



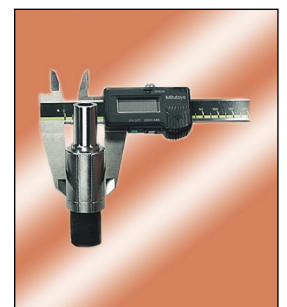
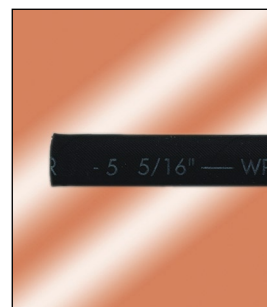
DN mm	Größe Hose size		I.D. I.D. mm	A.D. über Draht R.O.D. mm	A.D. O.D. mm	Max. Betriebsdruck max. working pressure		Min. Berstdruck min. burst pressure		Min. Biegeradius min. bend radius mm	Gewicht weight g/m
	Size	Zoll				bar	P.S.I.	bar	P.S.I.		
06	-4	1/4"	6,4	11,3	13,1	400	5800	1850	26820	45	270
08	-5	5/16"	7,9	12,9	14,7	350	5070	1700	24650	55	325
10	-6	3/8"	9,5	15,0	16,8	330	4780	1500	21750	65	395
12	-8	1/2"	12,7	18,5	20,3	275	3980	1220	17690	80	495
16	-10	5/8"	15,9	21,8	23,6	250	3620	1050	15220	90	595
19	-12	3/4"	19,0	25,6	27,6	215	3110	920	13340	120	800
25	-16	1"	25,4	33,0	35,2	165	2390	720	10440	160	1135

Preßfassung : P1 - Seite 4  
 Swage ferrule: P1 - page 4

für schälen  
 for skive



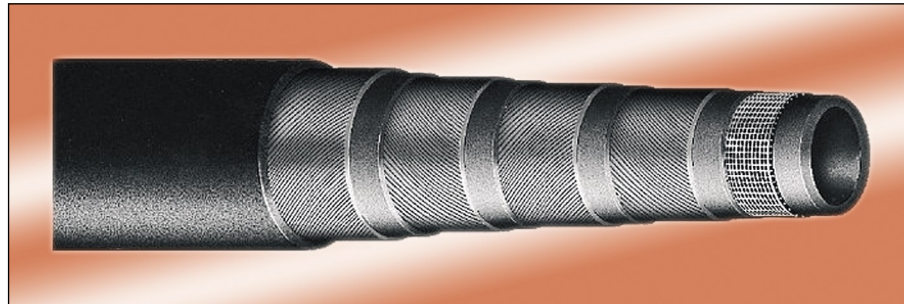
nicht schälen  
 non skive



Fassung-Typ Ferrule-type	Schällänge - La skive length - La mm	Preßdurchmesser Swage diameter mm	nicht schälen non skive	Preßdurchmesser Swage diameter mm
P1 - DN 06 (1/4")	25,0	16,4	"	16,8
P1 - DN 08 (5/16")	25,0	18,3	"	18,5
P1 - DN 10 (3/8")	25,5	21,7	"	21,5
P1 - DN 12 (1/2")	28,5	23,6	"	24,5
P1 - DN 16 (5/8")	30,0	27,0	"	27,8
P1 - DN 19 (3/4")	35,0	31,0	"	31,7
P1 - DN 25 (1")	39,0	39,3	"	39,8

Seele: ölbeständiges synthetisches Gummi  
 Druckträger: vier hochzugfeste Stahlspiralen  
 Decke: synthetisches Gummi mit hoher Temperatur-,  
 Ozon-, Abrieb-, Wetter- und Flammfestigkeit

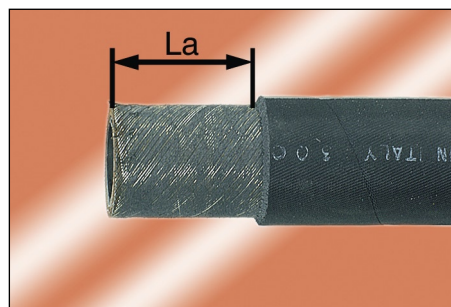
Tube: oil resistant synthetic rubber  
 Reinforcement: four high tensile steel spirals  
 Cover: synthetic rubber with high temperature, ozone, abra-  
 sion, weather and flame resistance



DN mm	Größe Hose size		I.D. I.D. mm	A.D. über Draht R.O.D. mm	A.D. O.D. mm	Max. Betriebsdruck max. working pressure		Min. Berstdruck min. burst pressure		Min. Biegeradius min. bend radius mm	Gewicht weight g/m
	Size	Zoll				bar	P.S.I.	bar	P.S.I.		
06	-4	1/4"	6,4	14,7	17,8	500	7250	2400	34800	150	615
10	-6	3/8"	9,5	17,6	21,3	460	6670	2100	30450	180	780
12	-8	1/2"	12,7	20,3	24,4	425	6160	1900	27550	230	930
16	-10	5/8"	15,9	23,7	28,1	400	5800	1600	23200	250	1140
19	-12	3/4"	19,0	28,2	32,0	380	5510	1600	23200	300	1520
25	-16	1"	25,4	35,0	39,0	320	4640	1400	20300	340	1960
31	-20	1 1/4"	31,8	46,1	49,9	210	3040	1250	18120	460	3060
38	-24	1 1/2"	38,1	52,4	57,0	185	2680	1000	14500	560	3680
51	-32	2"	50,8	65,2	70,6	175	2530	1000	14500	660	5325

Preßfassung : P3 - Seite 5  
 Swage ferrule: P3 - page 5

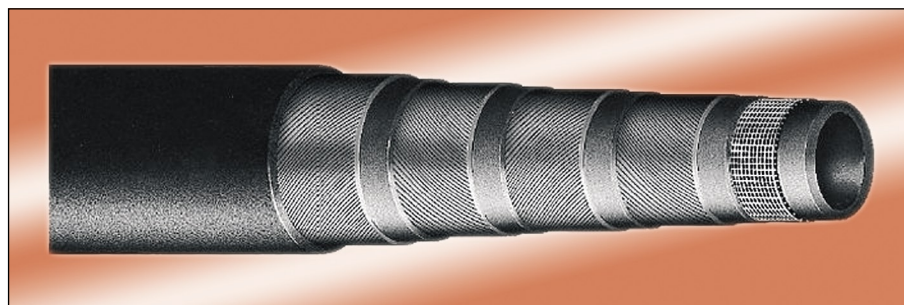
für schälen  
 for skive



Fassung-Typ Ferrule-type	Schällänge - La skive length - La mm	Preßdurchmesser Swage diameter mm
P3-4SP - DN 06 (1/4")	25,0	19,5
P3 - DN 10 (3/8")	25,0	23,2
P3 - DN 12 (1/2")	27,0	26,5
P3 - DN 16 (5/8")	28,0	29,5
P3 - DN 19 (3/4")	33,5	34,0
P3 - DN 25 (1")	38,0	42,0
P3 - DN 31 (1 1/4")	55,0	52,6
P3 - DN 38 (1 1/2")	56,0	58,0
P3-4SP - DN 51 (2")	66,0	71,0

Seele: ölbeständiges synthetisches Gummi  
 Druckträger: vier hochzugfeste Stahlspiralen  
 Decke: synthetisches Gummi mit hoher Temperatur-,  
 Ozon-, Abrieb-, Wetter- und Flammfestigkeit

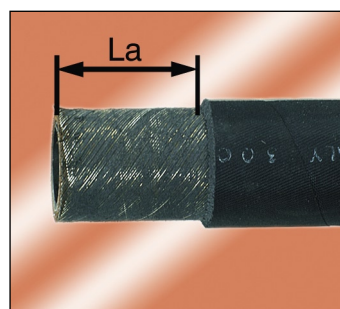
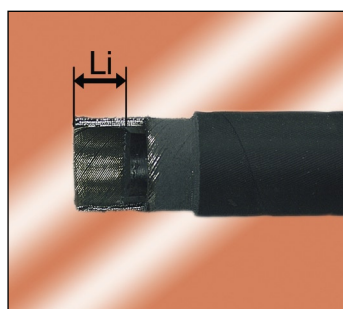
Tube: oil resistant synthetic rubber  
 Reinforcement: four high tensile steel spirals  
 Cover: synthetic rubber with high temperature, ozone, abra-  
 sion, weather and flame resistance



DN mm	Größe Hose size		I.D. I.D. mm	A.D. über Draht R.O.D. mm	A.D. O.D. mm	Max. Betriebsdruck max. working pressure		Min. Berstdruck min. burst pressure		Min. Biegeradius Min. bend radius mm	Gewicht weight g/m
	Size	Zoll				bar	P.S.I.	bar	P.S.I.		
19	-12	3/4"	19,0	28,2	32,0	420	6090	1750	25370	280	1550
25	-16	1"	25,4	35,1	38,1	385	5580	1750	25370	340	2090
31	-20	1 1/4"	31,8	42,2	45,2	350	5070	1400	20300	460	2490
38	-24	1 1/2"	38,1	48,7	53,5	300	4350	1250	18120	560	3380
51	-32	2"	50,8	63,2	68,0	250	3620	1000	14500	700	4645

Preßfassung : P4-I - Seite 7  
 Swage ferrule: P4-I - page 7

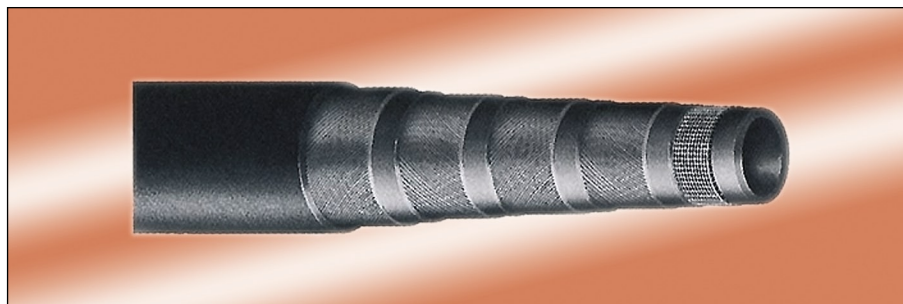
für innen und außen schälen - Interlock  
 for internal and external skive - Interlock










Fassung-Typ Ferrule-type	Schällänge innen - Li internal skive length - Li mm	Schällänge außen - La external skive length - La mm	Preßdurchmesser Swage diameter mm
P4-I - DN 19 (3/4")	16,0	42,0	34,5
P4-I - DN 25 (1")	20,0	60,0	42,5
P4-I - DN 31 (1 1/4")	20,0	62,0	49,5
P4-I - DN 38 (1 1/2")	27,0	82,0	58,0
P4-I - DN 51 (2")	29,0	85,0	72,0

Seele: ölbeständiges synthetisches Gummi  
 Druckträger: vier hochzugfeste Stahlspiralen (DN <31)  
 - sechs hochzugfeste Stahlspiralen (DN 31 - 38 - 51)  
 Decke: synthetisches Gummi mit hoher Temperatur-,  
 Ozon-, Abrieb-, Wetter- und Flammfestigkeit

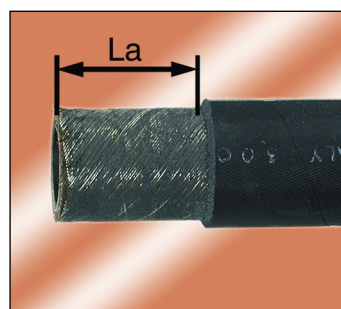
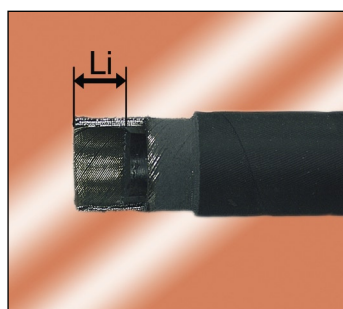
Tube: oil resistant synthetic rubber  
 Reinforcement: four high tensile steel spirals (DN <31)  
 - six high tensile steel spirals (DN 31 - 38 - 51)  
 Cover: synthetic rubber with high temperature, ozone, abra-  
 sion, weather and flame resistance



DN mm	Größe Hose size					 Max. Betriebsdruck max. working pressure		 Min. Berstdruck min. burst pressure		 Min. Biegeradius min. bend radius	 Gewicht weight
	Size	Zoll	I.D. mm	A.D. über Draht R.O.D. mm	A.D. O.D. mm	bar	P.S.I.	bar	P.S.I.	mm	g/m
19	-12	3/4"	19,0	29,0	32,0	350	5070	1950	28270	240	1635
25	-16	1"	25,4	36,0	39,2	350	5070	1650	23920	300	2205
31	-20	1 1/4"	31,8	47,0	50,0	350	5070	1600	23200	419	3610
38	-24	1 1/2"	38,1	54,0	57,2	350	5070	1600	23200	500	4860
51	-32	2"	50,8	68,2	71,8	350	5070	1500	21750	630	6815

Preßfassung : P6-I - Seite 7  
 Swage ferrule: P6-I - page 7

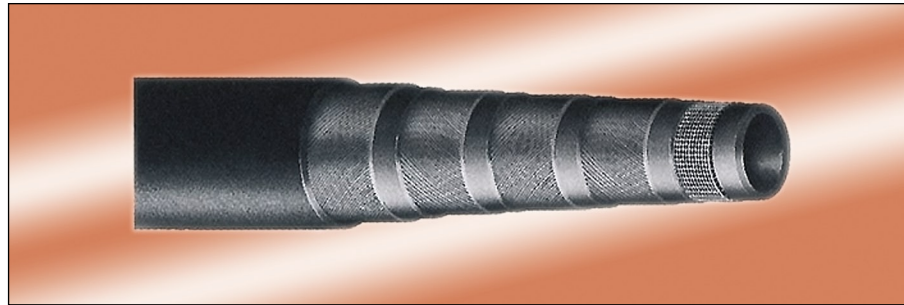
für innen und außen schälen - Interlock  
 for internal and external skive - Interlock



Fassung-Typ Ferrule-type	Schällänge innen - Li internal skive length - Li mm	Schällänge außen - La external skive length - La mm	Preßdurchmesser Swage diameter mm
P6-I - DN 19 (3/4")	16,0	42,0	34,5
P6-I - DN 25 (1")	20,0	60,0	42,0
P6-I - DN 31 (1 1/4")	20,0	62,0	54,0
P6-I - DN 38 (1 1/2")	27,0	82,0	64,0
P6-I - DN 51 (2")	28,0	85,0	77,8

Seele: ölbeständiges synthetisches Gummi  
 Druckträger: vier hochzugfeste Stahlspiralen (DN <31)  
 - sechs hochzugfeste Stahlspiralen (DN 31 - 38)  
 Decke: synthetisches Gummi mit hoher Temperatur-,  
 Ozon-, Abrieb-, Wetter- und Flammfestigkeit

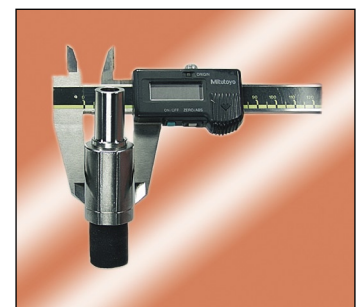
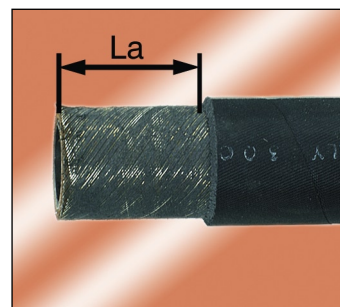
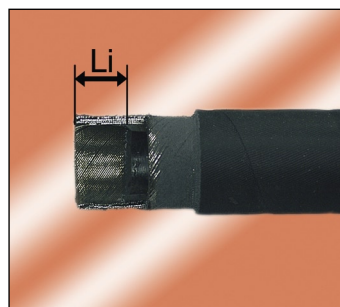
Tube: oil resistant synthetic rubber  
 Reinforcement: four high tensile steel spirals (DN <31)  
 - six high tensile steel spirals (DN 31 - 38)  
 Cover: synthetic rubber with high temperature, ozone, abra-  
 sion, weather and flame resistance



DN mm	Größe Hose size		I.D. I.D. mm	A.D. über Draht R.O.D. mm	A.D. O.D. mm	Max. Betriebsdruck max. working pressure		Min. Berstdruck min. burst pressure		Min. Biegeradius min. bend radius mm	Gewicht weight g/m
	Size	Zoll				bar	P.S.I.	bar	P.S.I.		
19	-12	3/4"	19,0	28,2	32,0	420	6090	1750	25370	267	1505
25	-16	1"	25,4	35,1	38,1	420	6090	1750	25370	267	2045
31	-20	1 1/4"	31,8	46,3	49,5	420	6090	1680	24360	267	3685
38	-24	1 1/2"	38,1	54,0	57,2	420	6090	1680	24360	315	4860

Preßfassung : P7-I - Seite 8  
 Swage ferrule: P7-I - page 8

für innen und außen schälen - Interlock  
 for internal and external skive - Interlock








Fassung-Typ Ferrule-type	Schällänge innen - Li internal skive length - Li mm	Schällänge außen - La external skive length - La mm	Preßdurchmesser Swage diameter mm
P7-I - DN 19 (3/4")	16,0	42,0	34,5
P7-I - DN 25 (1")	20,0	60,0	41,5
P7-I - DN 31 (1 1/4")	20,0	62,0	54,0
P7-I - DN 38 (1 1/2")	27,0	82,0	64,0

# THERMOPLASTIKSCHLAUCH EN 855 R 7 THERMOPLASTIC TUBE

Seele: ölbeständiges Thermoplastik Elastomer  
 Druckträger: zwei Polyestergeflechte  
 Decke: Thermoplastik Elastomer mit hoher Ozon- und Abriebbeständigkeit

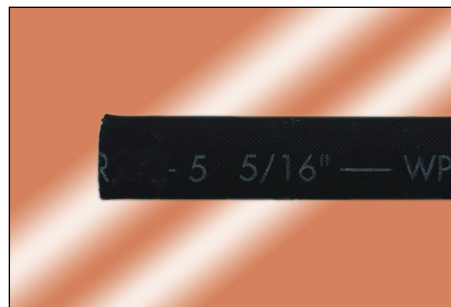
Tube: oil resistant thermoplastic Elastomer  
 Reinforcement: two polyester braids  
 Cover: Thermoplastic Elastomer with high ozone and abrasion resistance



DN mm	Größe Hose size Zoll	 I.D. I.D. mm	 A.D. O.D. mm +/- 0,5	 Max. Betriebsdruck max. working pressure		 Min. Berstdruck min. burst pressure		 Min. Biegegrad min. bend radius mm
				bar	PS.I.	bar	PS.I.	
06	1/4"	6,4	12,0	190	2750	760	11020	50
08	5/16"	7,9	14,3	187	2710	750	10870	55
10	3/8"	9,5	16,3	175	2530	700	10150	75
12	1/2"	12,7	20,3	140	2030	560	8120	95
16	5/8"	16,0	23,5	100	1450	400	5800	203
19	3/4"	19,0	27,5	85	1230	340	4930	254
25	1"	25,0	33,3	70	1010	280	4060	305

Preßfassung : PF-R7 - Seite 3  
 Swage ferrule: PF-R7 - page 3

nicht schälen  
 non skive



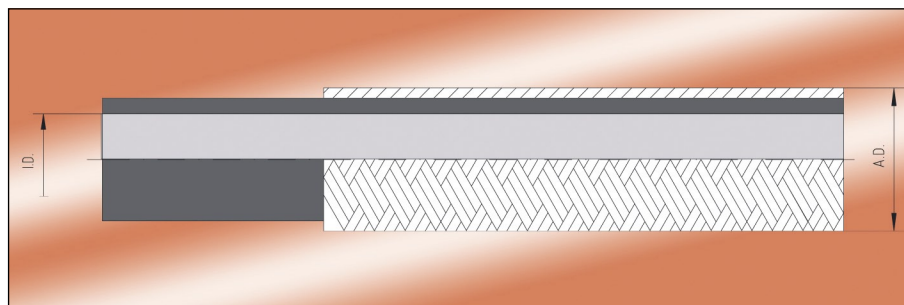
Fassung-Typ Ferrule-type	nicht schälen non skive	Preßdurchmesser Swage diameter mm
PF-R7 - DN 06 (1/4")	"	15,0
PF-R7 - DN 08 (5/16")	"	15,9
PF-R7 - DN 10 (3/8")	"	18,9
PF-R7 - DN 12 (1/2")	"	22,0
PF-R7 - DN 16 (5/8")	"	26,2
PF-R7 - DN 19 (3/4")	"	29,5
PF-R7 - DN 25 (1")	"	36,7





# PTFE-SCHLAUCH

# PTFE-HOSE

mit glatter, dickwandiger PTFE-Seele  
 Druckträger: eine Klöppellage aus rostfreiem Stahl - 1.4301

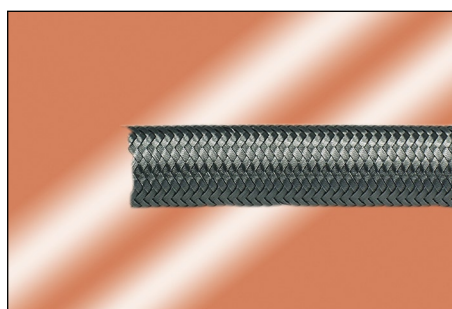
with smooth, heavy wall PTFE  
 Reinforcement: one braid of stainless wire - AISI 304



DN mm	Größe Hose size Zoll	 I.D. I.D. mm +/- 0,5	 A.D. O.D. mm	 Max. Betriebsdruck max. working pressure bar	 Min. Biegeradius min. bend radius mm	Bestellzeichen Order-Code
06	1/4"	6,7	10,0	240	100	Hose PT1W-DN 06
08	5/16"	8,2	11,7	200	120	Hose PT1W-DN 08
10	3/8"	10,3	13,8	175	140	Hose PT1W-DN 10
12	1/2"	13,0	17,0	150	160	Hose PT1W-DN 12
16	5/8"	16,0	20,2	135	190	Hose PT1W-DN 16
19	3/4"	19,0	23,2	110	230	Hose PT1W-DN 20
25	1"	25,4	30,3	80	300	Hose PT1W-DN 25

Preßfassung : PF-PTFE - Seite 3  
 Swage ferrule: PF-PTFE - page 3

nicht schälen  
 non skive



Fassung-Typ Ferrule-type	nicht schälen non skive	Preßdurchmesser Swage diameter mm
PF-PTFE - DN 06 (1/4")	"	12,0
PF-PTFE - DN 08 (5/16")	"	14,5
PF-PTFE - DN 10 (3/8")	"	16,0
PF-PTFE - DN 12 (1/2")	"	20,4
PF-PTFE - DN 16 (5/8")	"	24,0
PF-PTFE - DN 19 (3/4")	"	27,0
PF-PTFE - DN 25 (1")	"	33,0





**Pegasus**  
hydraulics