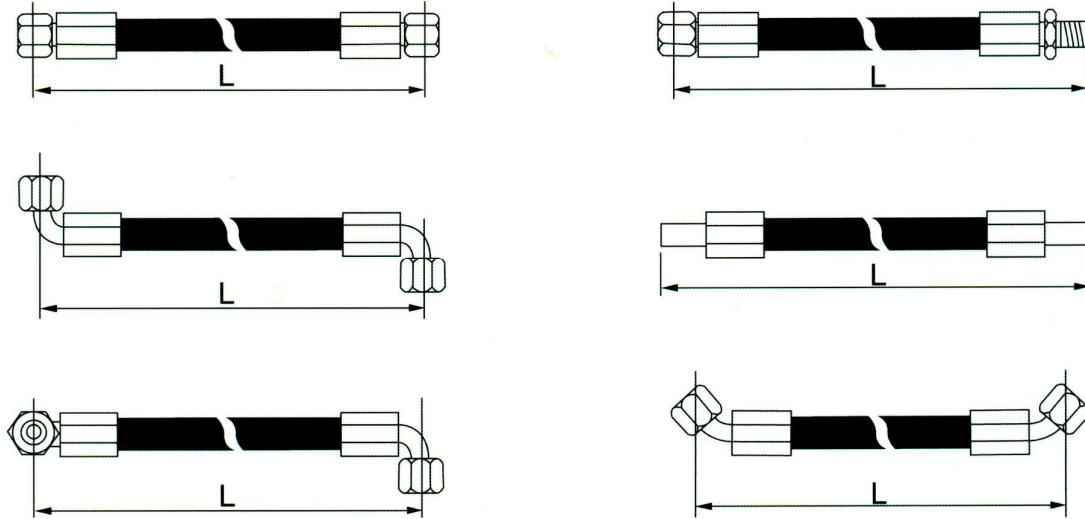
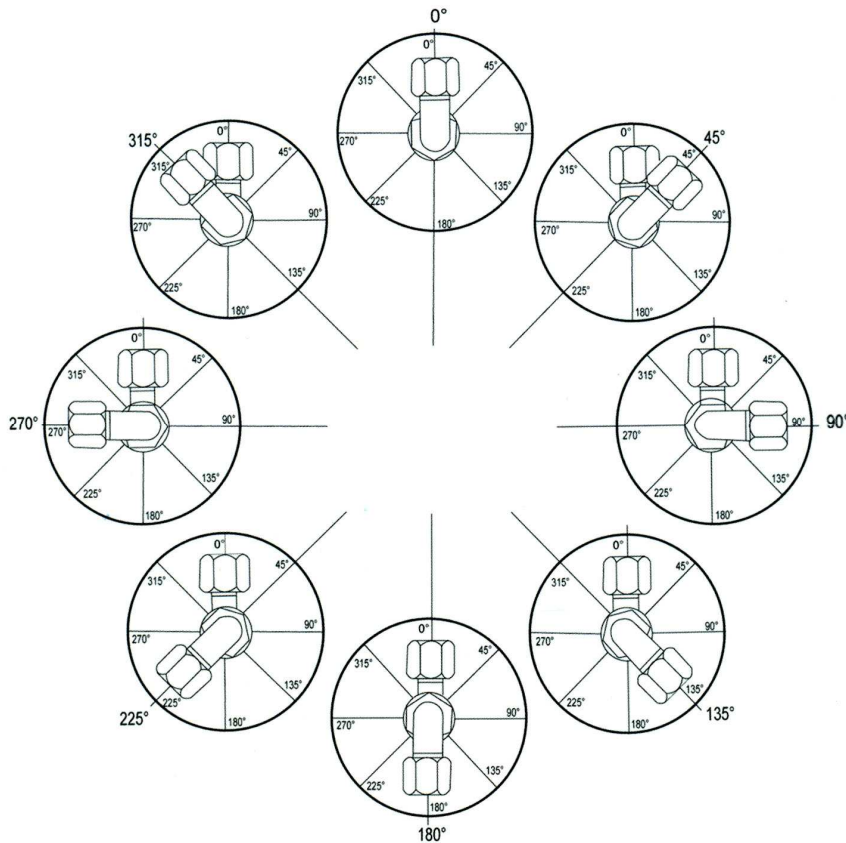


### HOW TO MEASURE ASSEMBLY



**2ST DN 10 x 800 DKL 90° / DKL 90° - 270°**

### DIRECTION OF HOSE ASSEMBLY

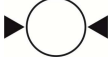





**AL-QEMAM INDUSTRIAL EST.**

## DIN EN 853 1SN



- Inner Tube and cover in high quality synthetic rubber compounds.
- Reinforcement one braid consisting of hardened and tempered, surface protected steel wires.
- Cover particularly abrasion and weather resistant.
- Temperature resistant from -40°C to +100°C and up to +125°C for short periods.
- Used to transport mineral oil based hydraulic oil, oil and water emulsions and aqueous glycol solutions.

HOSE SIZE											
DN	Dash	MM	Inch	MM	Inch	Bar	PSI	Bar	PSI	MM	Inch
6	-4	6.4	1/4"	13	0.51	225	3260	900	13050	100	3.94
8	-5	7.9	5/16"	14.6	0.57	215	3110	850	12320	114	4.49
10	-6	9.5	3/8"	17	0.67	180	2610	720	10440	127	5
12	-8	12.7	1/2"	20.1	0.79	160	2320	640	9280	178	7.01
16	-10	15.9	5/8"	23.3	0.92	130	1880	520	7540	200	7.87
19	-12	19	3/4"	27.4	1.08	105	1520	420	6090	240	9.45
25	-16	25.4	1"	35.3	1.39	88	1270	350	5070	300	11.81
31	-20	31.8	1 1/4"	43.3	1.7	63	910	250	3620	419	16.5
38	-24	38.1	1 1/2"	49.7	1.96	50	720	200	2900	500	19.69
51	-32	50.8	2"	63.1	2.48	40	580	160	2320	630	24.80

### AL-QEMAM INDUSTRIAL EST.

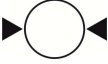



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## DIN EN 853 2SN



- Inner Tube and cover in high quality synthetic rubber compounds.
- Reinforcement two braid consisting of hardened and tempered, surface protected steel wires.
- Cover particularly abrasion and weather resistant.
- Temperature resistant from -40°C to +100°C and up to +125°C for short periods.
- Used to transport mineral oil based hydraulic oil, oil and water emulsions and aqueous glycol solutions.

HOSE SIZE											
DN	Dash	MM	Inch	MM	Inch	Bar	PSI	Bar	PSI	MM	Inch
6	-4	6.4	1/4"	14.7	0.58	400	5800	1600	23200	100	3.94
8	-5	7.9	5/16"	16.3	0.64	350	5070	1400	20300	114	4.49
10	-6	9.5	3/8"	18.7	0.74	330	4780	1320	19140	127	5
12	-8	12.7	1/2"	21.8	0.86	275	3980	1100	15950	178	7.01
16	-10	15.9	5/8"	25	0.98	250	3620	1000	14500	200	7.87
19	-12	19	3/4"	29.2	1.15	215	3110	850	12320	240	9.45
25	-16	25.4	1"	37	1.46	165	2390	650	9420	300	11.81
31	-20	31.8	1 1/4"	47	1.85	125	1810	500	7250	419	16.5
38	-24	38.1	1 1/2"	53.4	2.1	90	1300	360	5220	500	19.69
51	-32	50.8	2"	66.2	2.61	80	1160	320	4640	630	24.8

### AL-QEMAM INDUSTRIAL EST.

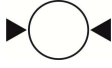


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## DIN EN 853 1ST



- Inner Tube and cover in high quality synthetic rubber compounds.
- Reinforcement one braid consisting of hardened and tempered, surface protected steel wires.
- Cover particularly abrasion and weather resistant.
- Temperature resistant from -40°C to +100°C and up to +125°C for short periods.
- Used to transport mineral oil based hydraulic oil, oil and water emulsions and aqueous glycol solutions.

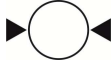



HOSE SIZE						Bar					
DN	Dash	MM	Inch	MM	Inch	Bar	PSI	Bar	PSI	MM	Inch
19	-12	19.0	3/4"	30.0	1.18	105	1520	420	6090	240	9.45
25	-16	25.4	1"	37.8	1.49	88	1270	350	5070	300	11.81
31	-20	31.8	1¼"	45.8	1.80	63	910	250	3620	419	16.50
38	-24	38.1	1½"	52.1	2.05	50	720	200	2900	500	19.69
51	-32	50.8	2"	66.4	2.61	40	580	160	2320	630	24.80

### AL-QEMAM INDUSTRIAL EST.

## DIN EN 853 2ST



- Inner Tube and cover in high quality synthetic rubber compounds.
- Reinforcement two braid consisting of hardened and tempered, surface protected steel wires.
- Cover particularly abrasion and weather resistant.
- Temperature resistant from -40°C to +100°C and up to +125°C for short periods.
- Used to transport mineral oil based hydraulic oil, oil and water emulsions and aqueous glycol solutions.

HOSE SIZE											
DN	Dash	MM	Inch	MM	Inch	Bar	PSI	Bar	PSI	MM	Inch
6	-4	6.4	1/4"	17.2	0.68	400	5800	1600	23200	100	3.94
8	-5	7.9	5/16"	18.9	0.74	350	5070	1400	20300	114	4.49
10	-6	9.5	3/8"	21.3	0.84	330	4780	1320	19140	127	5.00
12	-8	12.7	1/2"	24.5	0.96	275	3980	1100	15950	178	7.01
16	-10	15.9	5/8"	27.7	1.09	250	3620	1000	14500	200	7.87
19	-12	19.0	3/4"	31.6	1.24	215	3110	850	12320	240	9.45
25	-16	25.4	1"	39.5	1.56	165	2390	650	9420	300	11.81
31	-20	31.8	1¼"	50.6	1.99	125	1810	500	7250	419	16.50
38	-24	38.1	1½"	57.0	2.24	90	1300	360	5220	500	19.69
51	-32	50.8	2"	69.8	2.75	80	1160	320	4640	630	24.80

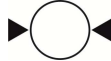



### AL-QEMAM INDUSTRIAL EST.



## DIN EN 856 4SP



- Inner Tube and cover in high quality synthetic rubber compounds.
- Reinforcement four spiral wire consisting of hardened and tempered, surface protected steel wires.
- Cover particularly abrasion and weather resistant.
- Temperature resistant from -40°C to +100°C and up to +125°C for short periods.
- Used to transport mineral oil based hydraulic oil, oil and water emulsions and aqueous glycol solutions.

HOSE SIZE											
DN	Dash	MM	Inch	MM	Inch	Bar	PSI	Bar	PSI	MM	Inch
6	-4	6.4	1/4"	17.8	0.70	500	7250	2400	34800	150	5.91
10	-6	9.5	3/8"	21.3	0.84	460	6670	2100	30450	180	7.09
12	-8	12.7	1/2"	24.4	0.96	425	6160	1900	27550	230	9.06
16	-10	15.9	5/8"	28.1	1.11	400	5800	1600	23200	250	9.84
19	-12	19.0	3/4"	32.0	1.26	380	5510	1600	23200	300	11.81
25	-16	25.4	1"	39.0	1.54	320	4640	1400	20300	340	13.39
31	-20	31.8	1 1/4"	49.9	1.96	210	3040	1250	18120	460	18.11
38	-24	38.1	1 1/2"	57.0	2.24	185	2680	1000	14500	560	22.05
51	-32	50.8	2"	70.6	2.78	175	2530	1000	14500	660	25.98

### AL-QEMAM INDUSTRIAL EST.

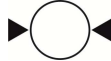



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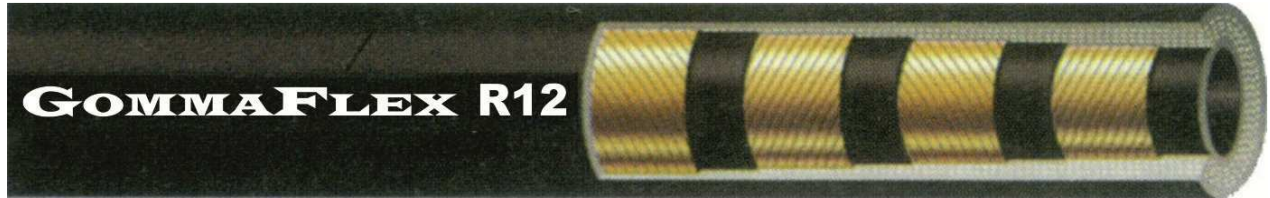
## DIN EN 856 4SH



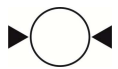



- Inner Tube and cover in high quality synthetic rubber compounds.
- Reinforcement four spiral wire consisting of hardened and tempered surface protected steel wires.
- Cover particularly abrasion and weather resistant.
- Temperature resistant from -40°C to +100°C and up to +125°C for short periods.
- Used to transport mineral oil based hydraulic oil, oil and water emulsions and aqueous glycol solutions.

HOSE SIZE											
DN	Dash	MM	Inch	MM	Inch	Bar	PSI	Bar	PSI	MM	Inch
16	-10	15.9	5/8"	28.5	1.12	450	6520	1850	26820	250	9.84
19	-12	19.0	3/4"	32.0	1.26	420	6090	1750	25370	280	11.02
25	-16	25.4	1"	38.1	1.50	385	5580	1750	25370	340	13.39
31	-20	31.8	1¼"	45.2	1.78	350	5070	1400	20300	460	18.11
38	-24	38.1	1½"	53.5	2.11	300	4350	1250	18120	560	22.05
51	-32	50.8	2"	68.0	2.68	250	3620	1000	14500	700	27.56

## DIN EN 856/ SAE 100 R12



- Inner Tube and cover in high quality synthetic rubber compounds.
- Reinforcement four spiral wire consisting of hardened and tempered, surface protected steel wires.
- Cover particularly abrasion and weather resistant.
- Temperature resistant from -40°C to +100°C and up to +125°C for short periods.
- Used to transport mineral oil based hydraulic oil, oil and water emulsions and aqueous glycol solutions.

HOSE SIZE											
DN	Dash	MM	Inch	MM	Inch	Bar	PSI	Bar	PSI	MM	Inch
10	-6	9.5	3/8"	20.0	0.79	280	4060	1600	23200	127	5.00
12	-8	12.7	1/2"	23.5	0.93	280	4060	1350	19570	178	7.01
16	-10	15.9	5/8"	27.2	1.07	280	4060	1300	18850	200	7.87
19	-12	19.0	3/4"	30.4	1.20	280	4060	1300	18850	240	9.45
25	-16	25.4	1"	38.0	1.50	280	4060	1450	21020	300	11.81
31	-20	31.8	1¼"	47.0	1.85	210	3040	1200	17400	419	16.50
38	-24	38.1	1½"	53.5	2.11	175	2530	1000	14500	500	19.69
51	-32	50.8	2"	66.7	2.63	175	2530	800	11600	630	24.80

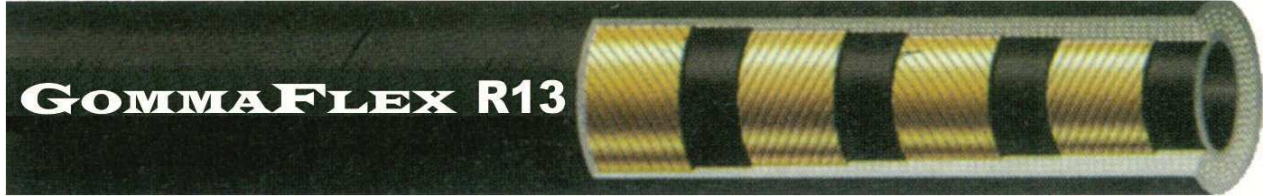
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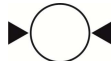


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## DIN EN 856/ SAE 100 R13



- Inner Tube and cover in high quality synthetic rubber compounds.
- Reinforcement four spiral wire consisting of hardened and tempered, surface protected steel wires.
- Cover particularly abrasion and weather resistant.
- Temperature resistant from -40°C to +100°C and up to +125°C for short periods.
- Used to transport mineral oil based hydraulic oil, oil and water emulsions and aqueous glycol solutions.

HOSE SIZE						Bar					
DN	Dash	MM	Inch	MM	Inch	Bar	PSI	Bar	PSI	MM	Inch
19	12	19.0	3/4"	32.0	1.26	350	5070	1950	28270	240	9.45
25	-16	25.4	1"	39.2	1.54	350	5070	1650	23920	300	11.81
31	-20	31.8	1¼"	50.0	1.97	350	5070	1600	23200	419	16.50
38	-24	38.1	1½"	57.2	2.25	350	5070	1600	23200	500	19.69
51	-32	50.8	2"	71.8	2.83	350	5070	1500	21750	630	24.80

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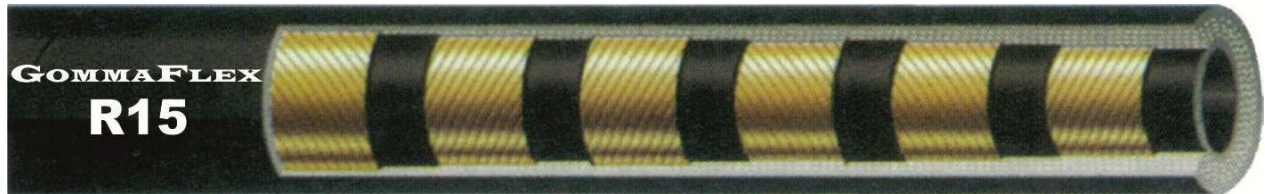
## DIN EN 856/ SAE 100 R17



- Inner Tube and cover in high quality synthetic rubber compounds.
- Reinforcement one braid wire consisting of hardened and tempered, surface protected steel wires.
- Cover particularly abrasion and weather resistant.
- Temperature resistant from -40°C to +100°C and up to +125°C for short periods.
- Used to transport mineral oil based hydraulic oil, oil and water emulsions and aqueous glycol solutions.

HOSE SIZE											
DN	Dash	MM	Inch	MM	Inch	Bar	PSI	Bar	PSI	MM	Inch
6	-4	6.4	1/4"	12.0	0.47	210	3040	840	12180	50	1.97
8	-5	7.9	5/16"	13.6	0.54	210	3040	840	12180	55	2.17
10	-6	9.5	3/8"	15.5	0.61	210	3040	840	12180	65	2.56
12	-8	12.7	1/2"	20.3	0.80	210	3040	840	12180	90	3.54
16	-10	15.9	5/8"	24.0	0.94	210	3040	840	12180	105	4.13
19	-12	19.0	3/4"	27.7	1.09	210	3040	840	12180	125	4.92
25	-16	25.4	1"	35.4	1.39	210	3040	840	12180	150	5.91

## DIN EN 856/ SAE 100 R15



- Inner Tube and cover in high quality synthetic rubber compounds.
- Reinforcement six spiral wire consisting of hardened and tempered, surface protected steel wires.
- Cover particularly abrasion and weather resistant.
- Temperature resistant from -40°C to +100°C and up to +125°C for short periods.
- Used to transport mineral oil based hydraulic oil, oil and water emulsions and aqueous glycol solutions.

HOSE SIZE				◀○▶		●Bar		●★		◀↷▶	
DN	Dash	MM	Inch	MM	Inch	Bar	PSI	Bar	PSI	MM	Inch
19	-12	19.0	3/4"	32.0	1.26	420	6090	1750	25370	267	10.51
25	-16	25.4	1"	38.1	1.50	420	6090	1750	25370	267	10.51
31	-20	31.8	1¼"	49.5	1.95	420	6090	1680	24360	267	10.51
38	-24	38.1	1½"	57.2	2.25	420	6090	1680	24360	315	12.40
51	-32	50.8	2"	71.8	2.83	420	6090	1680	24360	600	23.62

### AL-QEMAM INDUSTRIAL EST.

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