



# AAG CATALOGUE

eurocord® industrial rubber hoses



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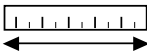

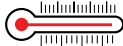
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 <p>INSIDE DIAMETER</p>	 <p>VACUUM</p>
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 <p>WORKING PRESSURE</p>	 <p>LENGTH</p>
 <p>BURST PRESSURE</p>	 <p>WORKING TEMPERATURE</p>

# AAG CATALOGUE

water and inert fluid hoses



## ACQUA / LN 10

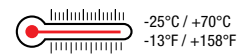


TUBE NATURAL AND SYNTHETIC RUBBER.  
 REINFORCEMENT HIGH TENSILE SYNTHETIC TEXTILE.  
 COVER WEATHER AND ABRASION RESISTANT SMOOTH SYNTHETIC RUBBER.  
 APPLICATION GARDENING AND GENERAL WATER DISCHARGE SERVICES.  
 SURFACE SMOOTH

mm.	mm.	BAR	BAR	BAR	gr/mt	mm	mm
5	10,5	10	30	-	92	50	100
8	15	10	30	-	173	80	100
10	16	10	30	-	190	100	100
10	17	10	30	-	204	100	100
12	17	10	30	-	186	120	100
13	19	10	30	-	210	130	100
15	21	10	30	-	236	150	50
16	23	10	30	-	297	160	50
19	26	10	30	-	344	190	50
20	30	10	30	-	540	200	50
22	30	10	30	-	460	220	50
25	33	10	30	-	530	250	50
25	35	10	30	-	700	250	50

NORMS

ISO 1307



## ACQUA / HD 10

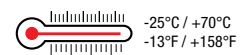


TUBE NATURAL AND SYNTHETIC RUBBER.  
 REINFORCEMENT HIGH TENSILE SYNTHETIC TEXTILE.  
 COVER WEATHER AND OZONE RESISTANT SYNTHETIC RUBBER.  
 APPLICATION INDUSTRIAL AND CONSTRUCTION SERVICES, WITH MEDIUM PRESSURE REQUIREMENT.  
 SURFACE SMOOTH WITH FABRIC IMPRESSION

mm.	mm.	BAR	BAR	BAR	gr/mt	mm	mm
25	34	10	30	-	546	254	40
30	42	10	30	-	958	300	40
32	44	10	30	-	1002	320	40
35	48	10	30	-	1207	350	40
38	52	10	30	-	1395	380	40
40	54	10	30	-	1484	400	40
45	61	10	30	-	1528	450	40
50	64	10	30	-	1639	500	40
60	82	10	30	-	3579	600	40
80	103	10	30	-	4558	800	20/40
100	126	10	30	-	6225	1000	20/40

NORMS

ISO 1307

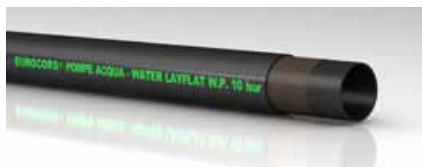


# AAG CATALOGUE

water and inert fluid hoses



## POMPE ACQUA / 10



TUBE NATURAL AND SYNTHETIC RUBBER  
 REINFORCEMENT HIGH TENSILE SYNTHETIC TEXTILE  
 COVER WEATHER RESISTANT SYNTHETIC RUBBER  
 APPLICATION FOR DISCHARGE OF WATER IN AGRICULTURAL AND INDUSTRIAL APPLICATIONS.  
 SURFACE SMOOTH WITH FABRIC IMPRESSION

mm.	mm.	BAR	BAR	BAR	gr/mt	mm	mm
25	31	10	30	-	338	-	40
30	36	10	30	-	411	-	40
40	46	10	30	-	558	-	40
45	52	10	30	-	663	-	40
50	57	10	30	-	751	-	40
60	67	10	30	-	990	-	40
70	77	10	30	-	1081	-	40
76	83	10	30	-	1173	-	40
80	87	10	30	-	1308	-	20/40
90	97	10	30	-	1464	-	20/40
100	108	10	30	-	1660	-	20/40
120	128	10	30	-	2360	-	20
150	160	10	30	-	3400	-	20
203	217	10	30	-	6164	-	20
254	270	10	30	-	7450	-	20
300	316	10	30	-	10449	-	20

NORMS

ISO 1307



## POMPE ACQUA / 20



TUBE NATURAL AND SYNTHETIC RUBBER  
 REINFORCEMENT HIGH TENSILE SYNTHETIC TEXTILE  
 COVER WEATHER RESISTANT SYNTHETIC RUBBER  
 APPLICATION FOR DISCHARGE OF WATER IN AGRICULTURAL AND INDUSTRIAL APPLICATIONS  
 SURFACE SMOOTH WITH FABRIC IMPRESSION

mm.	mm.	BAR	BAR	BAR	gr/mt	mm	mm
25	36	20	60	-	714	-	40
30	40	20	60	-	747	-	40
32	42	20	60	-	782	-	40
40	50	20	60	-	945	-	40
42	52	20	60	-	998	-	40
45	55	20	60	-	1053	-	40
48	58	20	60	-	1080	-	40
50	59	20	60	-	1100	-	40
60	69	20	60	-	1274	-	40
70	81	20	60	-	1650	-	40
75	86	20	60	-	1717	-	40
80	90	20	60	-	1796	-	20/40
90	102	20	60	-	2444	-	20/40
102	113	20	60	-	2538	-	20/40
120	131	20	60	-	2930	-	20
152	163	20	60	-	3672	-	20

NORMS

ISO 1307



# AAG CATALOGUE

water and inert fluid hoses



## ACQUA / SP 10



TUBE NATURAL AND SYNTHETIC RUBBER.  
 REINFORCEMENT HIGH TENSILE SYNTHETIC TEXTILE AND STEEL HELIX WIRE.  
 COVER ABRASION AND WEATHER RESISTANT SYNTHETIC RUBBER.  
 APPLICATION WATER SUCTION AND DISCHARGE IN INDUSTRIAL AND CONSTRUCTION SERVICES.  
 SURFACE SMOOTH WITH FABRIC IMPRESSION

mm.	mm.	BAR	BAR	BAR	gr/mt	mm	mm
19	29	10	30	0,8	575	152	40
25	36	10	30	0,8	741	200	40
30	41	10	30	0,8	909	240	40
32	43	10	30	0,8	961	256	40
35	46	10	30	0,8	1038	280	40
38	49	10	30	0,8	1240	304	40
40	51	10	30	0,8	1337	320	40
42	53	10	30	0,8	1380	336	40
45	57	10	30	0,8	1490	360	40
50	63	10	30	0,8	1745	408	40
60	73	10	30	0,8	2156	480	40
63	76	10	30	0,8	2325	504	40
70	84	10	30	0,8	2741	560	40
76	90	10	30	0,8	2963	608	40
80	94	10	30	0,8	3099	640	20/40
90	102	10	30	0,8	4238	720	20/40
100	117	10	30	0,8	4186	816	20/40
110	126	10	30	0,8	4660	880	20
120	138	10	30	0,8	5981	960	20
127	144	10	30	0,8	5418	1016	20
150	172	10	30	0,8	8550	1216	20

NORMS

ISO 1307



## ONDULATO / SPM



TUBE NATURAL AND SYNTHETIC RUBBER.  
 REINFORCEMENT HIGH TENSILE SYNTHETIC TEXTILE AND STEEL HELIX WIRE.  
 COVER WEATHER AND ABRASION RESISTANT SYNTHETIC RUBBER - CORRUGATED WITH CUFFED ENDS.  
 APPLICATION WATER SUCTION AND DELIVERY, IN AGRICULTURAL, INDUSTRIAL AND CONSTRUCTION APPLICATIONS.  
 SURFACE CORRUGATED

mm.	mm.	mm.	BAR	BAR	BAR	gr/mt	mm	mm
50	5,5	100	5	15	0,6	1413	150	2/3
60	5	100	5	15	0,6	1645	180	2/3
76	5,5	100	5	15	0,6	2050	218	2/3
80	5	100	5	15	0,6	2236	240	2/3
100	7	120	5	15	0,6	3091	500	2/3
110	7	120	5	15	0,6	3633	550	2/3
120	7	120	5	15	0,6	4193	700	2/3
127	7	120	5	15	0,6	4397	750	2/3
150	8	150	5	15	0,6	5976	950	2/3
200	9	180	3	9	0,6	9674	1200	2/3
254	9	200	3	9	0,6	11750	1500	2/3
300	10	200	3	9	0,6	15306	1900	2/3

Can be produced on rolls of mt 40 or in different lengths

NORMS

ISO 1307



## WATER POWER HD 250 BAR

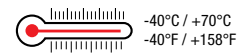


**TUBE** SPECIAL SYNTHETIC RUBBER.  
**REINFORCEMENT** HIGH TENSILE SYNTHETIC TEXTILE.  
**COVER** ABRASION, OIL AND WEATHER RESISTANT SMOOTH, SPECIAL SYNTHETIC RUBBER.  
**APPLICATION** FOR HIGH PRESSURE WATER CLEANING AND RINSING OF SEWAGE SYSTEMS,  
**SURFACE** SMOOTH WITH FABRIC IMPRESSION

mm.	mm.	BAR	BAR	BAR	gr/mt	mm	mm
12,7	25	250	625	65	440	-	240
16	28	250	625	75	480	-	240
19	31,6	250	625	90	555	-	240
25,4	39,3	250	625	100	780	-	240
31,8	48	250	625	130	1060	-	200
38,1	54	250	625	150	1250	-	200

NORMS

ISO 1307



## FIRE HD 40 BAR



**TUBE** NATURAL AND SYNTHETIC RUBBER.  
**REINFORCEMENT** HIGH TENSILE SYNTHETIC TEXTILE.  
**COVER** FLAME, ABRASION, WEATHER AND OZONE RESISTANT SYNTHETIC RUBBER.  
**APPLICATION** FOR FIRE FIGHTING VEHICLES.  
**SURFACE** SMOOTH WITH FABRIC IMPRESSION

mm.	mm.	BAR	BAR	BAR	gr/mt	mm	mm
12,7	21,5	40	120	--	315	120	40-46-61
19	32,5	40	120	--	715	190	40-46-61
25,4	39	40	120	--	870	200	40-46-61
32	45	40	120	--	975	280	40-46-61

NORMS

ISO 1307





# AAG CATALOGUE

compressed air hoses



## ARIA / LN 20

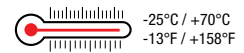


TUBE NATURAL AND SYNTHETIC RUBBER.  
 REINFORCEMENT HIGH TENSILE SYNTHETIC TEXTILE.  
 COVER ABRASION, OZONE AND WEATHER RESISTANT SMOOTH NATURAL AND SYNTHETIC RUBBER.  
 APPLICATION MEDIUM DUTY SERVICE FOR AIR AND PNEUMATIC TOOLS SPECIALLY IN MINES, QUARRIES AND CONSTRUCTIONS,  
 SURFACE SMOOTH

mm.	mm.	BAR	BAR	BAR	gr/mt	mm	mm
6	14	20	60	-	190	60	100
7	16	20	60	-	245	70	100
8	17	20	60	-	265	80	100
10	19	20	60	-	310	100	100
13	23	20	60	-	425	130	100
16	26	20	60	-	495	160	50
19	30	20	60	-	635	190	50
25	37	20	60	-	800	250	50

NORMS

ISO 1307



## ARIA / HD 20

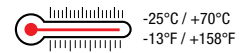


TUBE NATURAL AND SYNTHETIC RUBBER.  
 REINFORCEMENT HIGH TENSILE SYNTHETIC TEXTILE.  
 COVER ABRASION, OZONE AND WEATHER RESISTANT SYNTHETIC RUBBER.  
 APPLICATION MEDIUM DUTY SERVICE FOR AIR AND PNEUMATIC TOOLS SPECIALLY IN MINES, QUARRIES AND CONSTRUCTIONS,  
 SURFACE SMOOTH WITH FABRIC IMPRESSION

mm.	mm.	BAR	BAR	BAR	gr/mt	mm	mm
13	23	20	60	-	397	130	40
16	26	20	60	-	435	160	40
19	30	20	60	-	550	190	40
25	37	20	60	-	757	250	40

NORMS

ISO 1307



### ARIA / HD 25

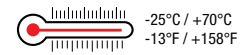


TUBE NATURAL AND SYNTHETIC RUBBER.  
 REINFORCEMENT HIGH TENSILE SYNTHETIC TEXTILE.  
 COVER ABRASION, OZONE AND WEATHER RESISTANT SYNTHETIC RUBBER.  
 APPLICATION HEAVY DUTY SERVICE FOR AIR AND PNEUMATIC TOOLS SPECIALLY IN MINES, QUARRIES AND CONSTRUCTIONS  
 SURFACE SMOOTH WITH FABRIC IMPRESSION

mm.	mm.	BAR	BAR	BAR	gr/mt	mm	mm
19	32	25	75	-	695	190	40
25	39	25	75	-	929	250	40
32	48	25	75	-	1423	320	40
38	54	25	75	-	1570	380	40
40	56	25	75	-	1630	400	40
50	69	25	75	-	2333	510	40
60	83	25	75	-	3637	600	40
76	96	25	75	-	3766	760	40

NORMS

ISO 1307



### ARIA / SHD 40

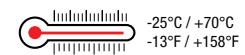


TUBE SYNTHETIC NBR RUBBER, RESISTANT TO HIGH PRESSURE AND INERT FLUIDS.  
 REINFORCEMENT HIGH TENSILE STEEL WIRE.  
 COVER ABRASION, OZONE AND WEATHER RESISTANT PIN PRICKED SYNTHETIC RUBBER . FOR HIGH PRESSURE AIR  
 APPLICATION TRANSFER IN MINES.  
 SURFACE SMOOTH WITH FABRIC IMPRESSION

mm.	mm.	BAR	BAR	BAR	gr/mt	mm	mm
12,7	23	40	160	-	640	153	40
19	30	40	160	-	666	228	40
25,4	36	40	160	-	884	305	40
32	43	40	160	-	1138	384	40
38	50	40	160	-	1600	456	40
51	66	40	160	-	2450	612	40
63,5	80	35	140	-	3560	762	40
76,2	94	30	120	-	4740	915	40
102	122	30	120	-	6232	1219	40

NORMS

ISO 1307



## OSSIGENO / LB ISO 3821

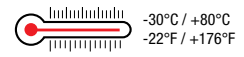


TUBE BLACK SMOOTH SYNTHETIC RUBBER, RESISTANT TO OXYGEN AND ACETYLENE.  
REINFORCEMENT HIGH TENSILE SYNTHETIC TEXTILE.  
COVER ABRASION, WEATHER AND FLAME RESISTANT SPECIAL SYNTHETIC RUBBER. FOR INDUSTRIAL.  
APPLICATION WELDING WITH OXYGEN OR ACETYLENE.  
SURFACE SMOOTH

mm.	mm.	BAR	BAR	BAR	gr/mt	mm	mm
5	10,5	20	60	-	110	50	100
6	13	20	60	-	140	60	100
8	15	20	60	-	180	80	100
8	16	20	60	-	190	80	100
8	17	20	60	-	270	80	100
10	17	20	60	-	240	100	100

NORMS

UNI EN 559/ DIN EN ISO 3821  
ISO 1307



## ACETILENE / LR ISO 3821

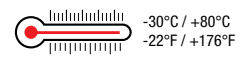


TUBE BLACK SMOOTH SYNTHETIC RUBBER, RESISTANT TO OXYGEN AND ACETYLENE.  
REINFORCEMENT HIGH TENSILE SYNTHETIC TEXTILE.  
COVER ABRASION, WEATHER AND FLAME RESISTANT SPECIAL SYNTHETIC RUBBER. FOR INDUSTRIAL.  
APPLICATION WELDING WITH OXYGEN OR ACETYLENE.  
SURFACE SMOOTH

mm.	mm.	BAR	BAR	BAR	gr/mt	mm	mm
5	10,5	20	60	-	110	50	100
6	13	20	60	-	140	60	100
8	15	20	60	-	180	80	100
8	16	20	60	-	190	80	100
8	17	20	60	-	270	80	100
10	17	20	60	-	240	100	100

NORMS

UNI EN 559/ DIN EN ISO 3821  
ISO 1307



## BINATO / LB + LR ISO 3821

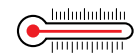


TUBE BLACK SMOOTH SYNTHETIC RUBBER, RESISTANT TO OXYGEN AND ACETYLENE.  
 REINFORCEMENT HIGH TENSILE SYNTHETIC TEXTILE.  
 COVER ABRASION, WEATHER AND FLAME RESISTANT SPECIAL SYNTHETIC RUBBER. FOR INDUSTRIAL  
 APPLICATION WELDING WITH OXYGEN OR ACETYLENE.  
 SURFACE SMOOTH

mm.	mm.	BAR	BAR	BAR	gr/mt	mm	mm
5+5	10,5	20	60	-	270	40	100
6+6	13	20	60	-	289	48	100
8+8	15	20	60	-	420	64	100
10+10	17	20	60	-	490	80	100

NORMS

UNI EN 559/DIN EN ISO 3821  
ISO 1307



-30°C / +80°C  
-22°F / +176°F

## PROPANO / LA ISO 3821

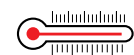


TUBE BLACK,LPG AND PROPANE RESISTANT SPECIAL SYNTHETIC RUBBER.  
 REINFORCEMENT HIGH TENSILE SYNTHETIC TEXTILE.  
 COVER ABRASION, FLAME, OZONE AND WEATHER RESISTANT SMOOTH SYNTHETIC RUBBER.;  
 APPLICATION FOR WELDING WITH LPG.  
 SURFACE SMOOTH

mm.	mm.	BAR	BAR	BAR	gr/mt	mm	mm
8	14	20	60	-	160	80	100
8	15	20	60	-	180	80	100
8	16	20	60	-	190	80	100
8	17	20	60	-	270	80	100

NORMS

UNI EN 559/DIN EN ISO 3821  
ISO 1307



-30°C / +80°C  
-22°F / +176°F

### GPL / HD



TUBE LPG RESISTANT, CONDUCTIVE BLACK NBR RUBBER.  
 REINFORCEMENT HIGH TENSILE SYNTHETIC TEXTILE.  
 COVER OZONE, WEATHER, HEAT, FLAME AND OIL RESISTANT, SPECIAL PIN-PRICKED SYNTHETIC RUBBER  
 APPLICATION FOR DELIVERY OF LPG.  
 SURFACE SMOOTH WITH FABRIC IMPRESSION

mm.	mm.	BAR	BAR	BAR	gr/mt	mm	mm
13	23	25	100	-	382	100	40
16	26	25	100	-	450	125	40
19	31	25	100	-	590	160	40
25	38	25	100	-	780	200	40
32	45	25	100	-	987	250	40
38	52	25	100	-	1256	320	40
50	67	25	100	-	1854	400	40

NORMS

EN 1762 TYPE-D



### GPL / SP



TUBE LPG RESISTANT, CONDUCTIVE BLACK NBR RUBBER.  
 REINFORCEMENT HIGH TENSILE SYNTHETIC TEXTILE WIRE HELIX.  
 COVER OZONE, WEATHER, HEAT, FLAME AND OIL RESISTANT, SPECIAL PIN-PRICKED SYNTHETIC RUBBER  
 APPLICATION FOR SUCTION AND DELIVERY OF LPG.  
 SURFACE SMOOTH WITH FABRIC IMPRESSION

mm.	mm.	BAR	BAR	BAR	gr/mt	mm	mm
13	23	25	100	0,8	434	90	40
16	26	25	100	0,8	499	95	40
19	31	25	100	0,8	669	100	40
25	38	25	100	0,8	868	150	40
32	45	25	100	0,8	1136	200	40
38	52	25	100	0,8	1584	280	40
50	67	25	100	0,8	2268	350	40

NORMS

EN 1762 TYPE-D



### GAS AUTO

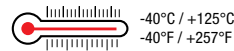


TUBE LPG AND CNG RESISTANT SPECIAL SMOOTH, SYNTHETIC RUBBER. (LOW PERMEABILITY)  
 REINFORCEMENT HIGH TENSILE SYNTHETIC TEXTILE.  
 COVER HEAT, ABRASION, OZONE AND WEATHER RESISTANT SPECIAL SYNTHETIC RUBBER.  
 APPLICATION FOR DISCHARGE OF LPG AND CNG IN AUTOMOTIVE SYSTEMS.  
 SURFACE SMOOTH

mm	mm	bar	bar	bar	gr/mt	mm	mt
4	10	4,5	10	-	85	40	50
5	10,5	4,5	10	-	90	50	50
6	13	4,5	10	-	135	60	50
8	15	4,5	10	-	165	80	50
10	17	4,5	10	-	200	100	50
11	19	4,5	10	-	250	110	50
12	19	4,5	10		225	120	50
14	22	4,5	10		300	140	50
17	24	4,5	10		300	170	50
19	27	4,5	10		385	190	50

#### NORMS

ECE REG.110.00, ANNEX 4B, CLASS 2  
 ECE R67,01, ANNEX 8, CLASS 2  
 ISO 1307



### CARBO / LN 10

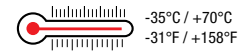


TUBE: FUEL AND OIL RESISTANT, SMOOTH NBR RUBBER.  
 REINFORCEMENT: HIGH TENSILE SYNTHETIC TEXTILE.  
 COVER: ABRASION, OZONE, WEATHER AND OIL RESISTANT SPECIAL SYNTHETIC RUBBER.  
 APPLICATION: FOR DELIVERY OF FUELS IN INTERNAL COMBUSTION ENGINES FOR LUBRIFICATION AND GREASING SERVICES.  
 SURFACE: SMOOTH

mm.	mm.	BAR	BAR	BAR	gr/mt	mm	mm
5	12	10	30	-	124	50	100
6	12	10	30	-	113	60	100
8	15	10	30	-	169	80	100
10	17	10	30	-	198	100	100
13	20	10	30	-	244	130	100
15	23	10	30	-	321	150	50
19	27	10	30	-	389	190	50
25	35	10	30	-	630	250	50

NORMS

ISO 1307



### CARBO / LN 20

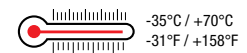


TUBE: FUEL AND OIL RESISTANT, SMOOTH NBR RUBBER.  
 REINFORCEMENT: HIGH TENSILE SYNTHETIC TEXTILE.  
 COVER: ABRASION, OZONE, WEATHER AND OIL RESISTANT SPECIAL SYNTHETIC RUBBER.  
 APPLICATION: FOR DELIVERY OF FUELS IN INTERNAL COMBUSTION ENGINES FOR LUBRIFICATION AND GREASING SERVICES.  
 SURFACE: SMOOTH

mm.	mm.	BAR	BAR	BAR	gr/mt	mm	mm
6	14	20	60	-	168	60	100
8	17	20	60	-	237	80	100
10	19	20	60	-	275	100	100

NORMS









ISO 1307



### CARBO / ECO

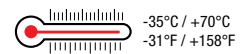


TUBE FUEL AND OIL RESISTANT, SMOOTH NBR RUBBER.  
 REINFORCEMENT HIGH TENSILE SYNTHETIC TEXTILE.  
 COVER ABRASION, OZONE, WEATHER AND OIL RESISTANT SPECIAL SYNTHETIC RUBBER.  
 APPLICATION FOR DELIVERY OF FUELS IN INTERNAL COMBUSTION ENGINES FOR LUBRIFICATION AND GREASING SERVICES.  
 SURFACE SMOOTH

 mm.	 mm.	 BAR	 BAR	 BAR	 gr/mt	 mm	 mm
4	9	10	30	-	60	40	100
5	10	10	30	-	80	50	100
6	13	10	30	-	140	60	100
7	13	10	30	-	130	70	100
8	14,5	10	30	-	160	80	100
10	16	10	30	-	170	100	100

#### NORMS








ISO 1307



### CARBO / LN DIN 73379



TUBE FUEL AND OIL RESISTANT, SMOOTH NBR RUBBER.  
 REINFORCEMENT HIGH TENSILE SYNTHETIC TEXTILE  
 COVER ABRASION, FLAME, OZONE, WEATHER AND OIL RESISTANT SPECIAL CR RUBBER.  
 APPLICATION FOR DELIVERY OF FUELS IN INTERNAL COMBUSTION ENGINES FOR LUBRIFICATION AND GREASING SERVICES.  
 SURFACE SMOOTH

 mm.	 mm.	 BAR	 BAR	 gr/mt	 mm	 mm
3,5	9,5	10	30	85	25	10-100
4	10	10	30	90	25	10-100
4,5	10,5	10	30	100	25	10-100
4,5	11,5	10	30	120	25	10-100
5	11	10	30	105	25	10-100
5	12	10	30	130	25	10-100
5,5	11,5	10	30	110	25	10-100
6	12	10	30	115	25	10-100
7	12	10	30	105	25	10-100
7	13	10	30	130	25	10-100
7,3	13,3	10	30	135	25	10-100
7,3	14,3	10	30	165	25	10-100
7,5	13,5	10	30	135	25	10-100
8	14	10	30	145	25	10-100
8	15	10	30	175	25	10-100
9	15	10	30	155	25	10-100
9,5	15,3	10	30	155	25	10-100
10	16	10	30	170	25	10-100
10	17	10	30	205	25	10-100
11	17	10	30	185	25	10-100
11	18	10	30	220	25	10-100
11,5	18,5	10	30	230	25	10-100
12,5	20	10	30	265	25	10-100
14	22	10	30	315	25	10-100
16	24	10	30	350	25	10-100

#### NORMS

DIN 73379 TYPE 2A  
 ISO 1307





# AAG CATALOGUE

oil and fuel hoses



## CARBO / HD 10

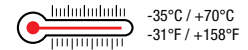


TUBE OIL AND PETROL RESISTANT, BLACK NBR  
 REINFORCEMENT HIGH TENSILE SYNTHETIC TEXTILE AND ANTISTATIC COPPER WIRE  
 COVER ABRASION, OZONE, WEATHER AND OIL RESISTANT SPECIAL SYNTHETIC RUBBER  
 APPLICATION FOR DELIVERY OF PETROLEUM PRODUCTS WITH AROMATIC CONTENT UP TO 50%  
 SURFACE SMOOTH WITH FABRIC IMPRESSION

mm.	mm.	BAR	BAR	BAR	gr/mt	mm	mm
25	35	10	30	-	615	250	40
30	40	10	30	-	693	300	40
32	42	10	30	-	751	320	40
35	45	10	30	-	880	350	40
40	50	10	30	-	914	400	40
45	56	10	30	-	1137	450	40
50	62	10	30	-	1280	500	40
60	72	10	30	-	1598	600	40

NORMS

ISO 1307



## ASPOCORD / HD 20

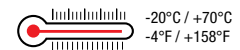


TUBE SMOOTH BLACK NBR RUBBER, RESISTANT TO OIL AND PETROL WITH AROMATIC CONTENT UP TO 50%.  
 REINFORCEMENT HIGH TENSILE SYNTHETIC TEXTILE AND ANTISTATIC COPPER WIRE  
 COVER SMOOTH BLACK PVC/NBR RUBBER RESISTANT TO OILS, PETROL, ABRASION, OZONE AND WEATHER CONDITIONS  
 APPLICATION FOR THE DELIVERY AND SUCTION OF PETROLEUM PRODUCTS FROM TANKER VEHICLES. CAN BE WOUNDED ON REELS. EXCELLENT RESISTANCE TO CRUSHING.

mm.	mm.	BAR	BAR	BAR	gr/mt	mm	mm
19	32	20	60	-	668	190	40
25	38	20	60	-	804	254	40
32	45	20	60	-	1008	320	40
38	52,5	20	60	-	1282	380	40
40	54,5	20	60	-	1338	400	40
45	58	20	60	-	1416	445	40
50	64,5	20	60	-	1535	508	40

NORMS

ISO 1307



### CARBO STATION

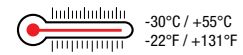


**TUBE** OIL, GASOLINE AND DIESEL RESISTANT SMOOTH, BLACK, NITRILE RUBBER,  
**REINFORCEMENT** HIGH TENSILE SYNTHETIC TEXTILE AND ANTISTATIC COPPER WIRE,  
**COVER** FLAME, OIL, FUEL, ABRASION, OZONE, HEAT AND WEATHER RESISTANT,  
 SYNTHETIC RUBBER.  
**APPLICATION** FOR ALL TYPES OF GASOLINE DISPENSING APPLICATIONS. (REGULAR,  
 PREMIUM GASOLINE AND DIESEL).  
**SURFACE** SMOOTH

mm.	mm.	BAR	BAR	BAR	gr/mt	mm	mm
12,7	21,5	16	48	-	295	50	>6
16	26	16	48	-	425	70	>6
19	29	16	48	-	475	95	>6
25,4	36,5	16	48	-	690	130	>6

**NORMS**

EN 1360 TYPE 1  
ISO 1307



### CARBO / SP 10

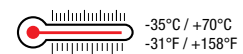


**TUBE** OIL AND PETROL RESISTANT, BLACK NBR  
**REINFORCEMENT** HIGH TENSILE SYNTHETIC TEXTILE, STEEL WIRE HELIX AND ANTISTATIC COPPER WIRE  
**COVER** OIL, WEATHER, OZONE, ABRASION RESISTANT SPECIAL SYNTHETIC RUBBER  
**APPLICATION** FOR SUCTION AND DISCHARGE OF PETROLEUM PRODUCTS WITH AROMATIC  
 CONTENT UP TO 50%.  
**SURFACE** SMOOTH WITH FABRIC IMPRESSION

mm.	mm.	BAR	BAR	BAR	gr/mt	mm	mm
19	29	10	30	0,8	540	75	40
25	36	10	30	0,8	710	100	40
30	41	10	30	0,8	871	120	40
32	43	10	30	0,8	1014	130	40
35	46	10	30	0,8	993	140	40
38	49	10	30	0,8	1070	150	40
40	52	10	30	0,8	1249	160	40
45	57	10	30	0,8	1522	190	40
51	63	10	30	0,8	1752	250	40
60	73	10	30	0,8	2132	310	40
70	83	10	30	0,8	2605	400	40
80	94	10	30	0,8	2983	475	20/40
100	117	10	30	0,8	4133	610	20/40
120	138	10	30	0,8	7400	720	20

**NORMS**

ISO 1307



# AAG CATALOGUE









oil and fuel hoses



## SAE 100 R4

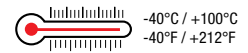


**TUBE** HYDRAULIC OIL RESISTANT SPECIAL SYNTHETIC RUBBER.  
**REINFORCEMENT** HIGH TENSILE SYNTHETIC TEXTILE AND STEEL WIRE HELIX.  
**COVER** OIL,HEAT,ABRASION,OZONE AND WEATHER RESISTANT SPECIAL SYNTHETIC RUBBER.  
**APPLICATION** IN OIL RETURN LINES OF HYDRAULIC SYSTEMS OF INDUSTRIAL AND AGRICULTURAL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

 mm	 mm	 bar	 bar	 bar	 gr/mt	 mm	 mt
19	29	21	84	0,8	541	50	40
22	32	17	68	0,8	616	60	40
25,4	35	17	68	0,8	683	65	40
28	39	17	68	0,8	834	78	40
30	41	17	68	0,8	866	82	40
32	42	14	56	0,8	848	85	40
38	49	10	40	0,8	1202	95	40
45	57	10	40	0,8	1555	110	40
50,8	62	7	28	0,8	1525	135	40
63,5	75,5	4	16	0,8	2277	180	40
76,2	88	4	16	0,8	2618	225	40
90	103	3	12	0,8	3291	270	20-40
101,6	115	2	8	0,8	3775	400	20-40

NORMS









ISO 1307



## OIL / RETURN



**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.  
**SURFACE** SMOOTH WITH FABRIC IMPRESSION

 mm	 inch	 bar	 bar	 bar	 gr/mt	 mm	 mt
19	-	10	30	0,8	555	75	61
25	-	10	30	0,8	726	100	61
32	-	10	30	0,8	941	150	61
38	-	10	30	0,8	1169	180	61
51	-	10	30	0,8	1806	250	61

NORMS

ISO 1307



# AAG CATALOGUE

oil and fuel hoses



## SAE 100 R6



TUBE HYDRAULIC OIL RESISTANT SPECIAL SYNTHETIC RUBBER.  
 REINFORCEMENT HIGH TENSILE SYNTHETIC TEXTILE BRAID.  
 COVER OIL, ABRASION, OZONE AND WEATHER RESISTANT BLACK SYNTHETIC RUBBER.  
 APPLICATION FOR HYDRAULIC CONTROL LINES, DISCHARGE UNDER PRESSURE OF HYDRAULIC FLUIDS, FUEL, GREASE, AIR AND WATER.  
 SURFACE SMOOTH WITH FABRIC IMPRESSION

mm.	inch.	BAR	BAR	BAR	gr/mt	mm	mm
4,8	3/16"	11	35	112	80	50	10/100
6,4	1/4"	12,8	29	112	105	65	10/100
7,9	5/16"	14,2	29	112	125	80	10/100
9,5	3/8"	15,8	29	112	150	80	10/100
12,7	1/2"	19,8	29	112	200	100	10/100
15,9	5/8"	23	25	96	255	125	10/100
19	3/4"	27	23	83	305	150	10/100
25,4	1"	34	10	36	530	170	10/100

NORMS

SAE J517 100 R6  
 EN 854 TYPE R6  
 ISO 1307



## SAE 100 R3



TUBE HYDRAULIC OIL RESISTANT SPECIAL SYNTHETIC RUBBER.  
 REINFORCEMENT 2 HIGH TENSILE SYNTHETIC TEXTILE BRAIDS.  
 COVER OIL, ABRASION, OZONE AND WEATHER RESISTANT BLACK SYNTHETIC RUBBER.  
 APPLICATION FOR HYDRAULIC CONTROL LINES, DISCHARGE UNDER PRESSURE OF HYDRAULIC FLUIDS, FUEL, GREASE, AIR AND WATER.  
 SURFACE SMOOTH WITH FABRIC IMPRESSION

mm.	inch.	BAR	BAR	BAR	gr/mt	mm	mm
4,8	3/16"	12,7	105	420	160	60	10/100
6,4	1/4"	14,3	85	340	180	80	10/100
7,9	5/16"	17,5	84	336	265	100	10/100
9,5	3/8"	19,1	78	312	295	100	10/100
12,7	1/2"	23,7	70	280	425	125	10/100
15,9	5/8"	27	60	240	500	140	10/100
19	3/4"	31,8	50	200	700	150	10/100
25,4	1"	38,1	40	160	845	205	10/100
31,8	1 1/4"	44,5	25	100	990	255	10/100

NORMS

SAE J517 100 R3  
 EN 854 TYPE R3  
 ISO 1307



### DIN 20021 2 TE



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  
 SURFACE SMOOTH WITH FABRIC IMPRESSION

mm.	inch.	BAR	BAR	BAR	gr/mt	mm	mm
4,8	3/16"	11,8	80	320	114	25	10-80
6,4	1/4"	13,4	75	300	144	40	10-80
7,9	5/16"	14,9	68	272	165	50	10-80
9,5	3/8"	16,5	63	252	185	60	10-80
12,7	1/2"	19,8	58	232	237	70	10-80
15,9	5/8"	23,9	50	200	322	90	10-80
19	3/4"	27	45	180	382	110	10-80
25,4	1"	34,4	40	160	557	150	10-80

NORMS | EN 854 TYPE 2TE  
 DIN 20021 2TE  
 ISO 4079-1 2TE  
 ISO 1307



### DIN 20021 3 TE



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.  
 SURFACE SMOOTH WITH FABRIC IMPRESSION

mm.	inch.	BAR	BAR	BAR	gr/mt	mm	mm
4,8	3/16"	12,8	160	640	156	40	10-80
6,4	1/4"	14,4	145	580	187	45	10-80
7,9	5/16"	16,9	130	520	244	55	10-80
9,5	3/8"	18,5	110	440	269	70	10-80
12,7	1/2"	21,7	93	372	335	85	10-80
15,9	5/8"	25,9	80	320	434	105	10-80
19	3/4"	29	70	280	500	130	10-80
25,4	1"	36	55	220	667	150	10-80
31,8	1 1/4"	42,3	45	180	827	190	10-80
38,1	1 1/2"	49,6	40	160	1048	240	10-80

NORMS | EN 854 TYPE 3TE  
 DIN 20021 3TE  
 ISO 4079-1 3TE  
 ISO 1307



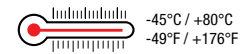
### SAE J 1401



TUBE HYDRAULIC BRAKE FLUID RESISTANT SPECIAL SYNTHETIC RUBBER.  
 REINFORCEMENT HIGH TENSILE SYNTHETIC TEXTILE.  
 COVER ABRASION, OZONE AND WEATHER RESISTANT SPECIAL SYNTHETIC RUBBER.  
 APPLICATION IN AUTOMOTIVE HYDRAULIC BRAKE SYSTEMS.  
 SURFACE BRAIDED

mm.	inch	BAR	BAR	BAR	gr/mt	mm	mm
3,2	1/8"	10,5	276	490	91	30	10/80
5	3/16"	13	276	345	129	50	10/8

NORMS  
 ISO 1307  
 SAE J 1401



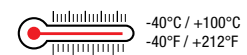
### SAE 100 R7



CONSTRUCTION SPECIAL POLYESTER COMPOUND WITH TWO HIGH RESISTANT BRAIDS OF SYNTHETIC FIBERS.  
 COVER BLACK SMOOTH PERFORATED. IT HAS A SPECIAL OIL RESISTANT AND ANTI ABRASION POLYURETHANE COMPOUND.  
 APPLICATION FLEXIBLE AND THERMOPLASTIC HOSE FOR HIGH PRESSURE USED FOR HYDRAULIC APPLICATIONS, PARTICULARLY SUITABLE IN MARINE SECTOR.  
 SURFACE SMOOTH

mm	inch	mm	bar	bar	gr/mt	mm	mt
5	3/16"	9,3	220	880	60	26	10-80
6,6	1/4"	12,5	215	860	100	30	10-80
8	5/16"	14,3	195	780	140	40	10-80
9,7	3/8"	16,5	187	750	170	70	10-80
13	1/2"	20,5	157	630	230	90	10-80

NORMS  
 EN 855:1996 R7  
 ISO 3949:2004/R7-1  
 SAE J517 FEB98 100R7



# AAG CATALOGUE

oil and fuel hoses



## GRECATO / SP MULTIPURPOSE



TUBE OIL AND PETROL RESISTANT BLACK NBR.  
 REINFORCEMENT HIGH TENSILE SYNTHETIC TEXTILE, STEEL WIRE HELIX AND ANTISTATIC COPPEWIRE.  
 COVER OIL, WEATHER, OZONE, ABRASION AND SEA WATER RESISTANT, CHANNELED  
 APPLICATION FOR SUCTION AND DISCHARGE OF PETROLEUM PRODUCTS WITH AROMATIC CONTENT UP TO 50%.  
 SURFACE CHANNELLED

mm.	mm.	BAR	BAR	BAR	gr/mt	mm	mm
18	26	5	15	0,8	410	40	40
20	28	5	15	0,8	448	45	40
25	33	5	15	0,8	551	60	40
30	40	5	15	0,8	840	85	40
32	42	5	15	0,8	834	90	40
38	48	5	15	0,8	972	110	40
51	60	5	15	0,8	1220	150	40

NORMS

ISO 1307



## TREC OIL CARBO ECO/ TT



TUBE OIL AND FUEL RESISTANT NBR RUBBER RESISTANT TO PETROLEUM PRODUCTS WITH AROMATIC CONTENT OF NOT OVER 40%  
 COVER TEXTILE BRAID IMPREGNATED WITH NEOPRENE SOLUTION  
 APPLICATION FOR DELIVERY OF FUEL OIL, GASOLINE ETC. WIDELY USED IN INTERNAL COMBUSTION ENGINES  
 SURFACE BRAIDED

mm.	inch.	BAR	BAR	BAR	gr/mt	mm	mm
3	1/8"	7	10	30	40	25	100
4	1/6"	8	10	30	50	35	100
5	3/16"	10	10	30	80	40	100
6	1/4"	11	10	30	100	50	100
6	1/4"	13	10	30	140	50	100
7	5/18"	13	10	30	130	55	100
7,5	5/16"	14,5	10	30	160	60	100
8	5/16"	13	10	30	110	65	100
8	5/16"	15	10	30	160	65	100
10	3/8"	15	10	30	140	80	100
10	3/8"	17	10	30	190	80	100
13	1/2"	20	10	30	240	130	100
16	5/8"	23	10	30	280	160	100
19	3/4"	27	10	30	380	190	100
25	1"	33	10	30	500	250	100

NORMS

ISO 1307

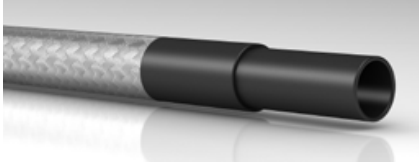


# AAG CATALOGUE

oil and fuel hoses



## NBR / ZINC

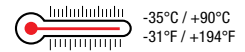


TUBE OIL AND FUEL RESISTANT NBR RUBBER.  
 COVER GALVANIZED WIRE BRAID.  
 APPLICATION FOR DELIVERY OF TRANSMISSION OIL, FUEL OIL, GASOLINE, ETC.  
 SURFACE BRAIDED

mm.	inch.	BAR	BAR	BAR	gr/mt	mm	mm
6	1/4	11	25	75	-	-	40/50
8	5/16	13	25	75	-	-	40/50
10	3/8	15	25	75	-	-	40/50
13	1/2	19	20	60	-	-	40/50
16	5/8	22	20	60	-	-	40/50
19	3/4	25	15	45	-	-	40/50
25	1	33	15	45	-	-	40/50

NORMS

ISO 1307



## ONDULCARBO / SPR

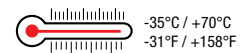


TUBE OIL AND PETROL RESISTANT BLACK NBR.  
 REINFORCEMENT HIGH TENSILE SYNTHETIC TEXTILE, STEEL WIRE HELIX AND ANTISTATIC COPPER WIRE.  
 COVER OIL, WEATHER, OZONE, ABRASION AND SEA WATER RESISTANT, CORRUGATED SPECIAL SYNTHETIC RUBBER.  
 APPLICATION FOR SUCTION AND DISCHARGE OF PETROLEUM PRODUCTS WITH AROMATIC CONTENT UP TO 50%.  
 SURFACE CHANNELLED

mm	mm	bar	bar	bar	gr/mt	mm	mt
40	51	5	15	0,5	1076	160	40
45	56	5	15	0,5	1195	180	40
50	61	5	15	0,5	1344	200	40
50	64	5	15	0,5	1764	220	40
80	94	5	15	0,5	2615	320	20
102	116	5	15	0,5	3439	400	20

NORMS

ISO 1307













## ONDULCARBO / SPM



TUBE	OIL AND PETROL RESISTANT BLACK NBR.
REINFORCEMENT	HIGH TENSILE SYNTHETIC TEXTILE, STEEL WIRE HELIX AND ANTISTATIC COPPER WIRE.
COVER	OIL, WEATHER, OZONE, ABRASION AND SEA WATER RESISTANT, CORRUGATED SPECIAL SYNTHETIC RUBBER WITH CUFFED ENDS.
APPLICATION	FOR SUCTION AND DISCHARGE OF PETROLEUM PRODUCTS WITH AROMATIC CONTENT UP TO 50%.
SURFACE	CHANNELLED

							
mm	mm	bar	bar	bar	gr/mt	mm	mt
40	51	5	15	0,5	1076	160	2-3-4
50	62	5	15	0,5	1744	200	2-3-4
80	93	5	15	0,5	2582	320	2-3-4
102	116	5	15	0,5	3335	400	2-3-4

NORMS

ISO 1307



### EPDM / LN 10



TUBE EPDM RUBBER.  
 REINFORCEMENT HIGH TENSILE SYNTHETIC TEXTILE.  
 COVER ABRASION, HEAT, OZONE AND WEATHER RESISTANT, SMOOTH EPDM RUBBER.  
 APPLICATION FOR DELIVERY OF HOT WATER WITH VERY LIGHT CHEMICAL CONTENT IN INDUSTRIAL APPLICATIONS.  
 SURFACE SMOOTH

mm.	mm.	BAR	BAR	BAR	gr/mt	mm	mm
5	10,5	10	30	-	82	50	50-100
5	11	10	30	-	93	50	50-100
6	12	10	30	-	102	60	50-100
7	13	10	30	-	120	70	50-100
8	15	10	30	-	160	80	50-100
10	17	10	30	-	185	100	50-100
12	17	10	30	-	155	120	50-100
13	19	10	30	-	180	130	50-100
15	21	10	30	-	205	150	50-100
19	26	10	30	-	310	190	50-100
20	30	10	30	-	480	200	50-100
22	30	10	30	-	390	220	50-100
25	33	10	30	-	550	250	50-100
25	35	10	30	-	610	250	50-100

NORMS

ISO 1307



### EPDM ES



TUBE SPECIAL SYNTHETIC RUBBER.  
 REINFORCEMENT HIGH TENSILE SYNTHETIC TEXTILE.  
 COVER OZONE, ABRASION, AND WEATHER RESISTANT SPECIAL SYNTHETIC RUBBER.  
 APPLICATION FOR FIRE EXTINGUISHERS.  
 SURFACE SMOOTH

mm.	mm.	BAR	BAR	BAR	gr/mt	mm	mm
10	19	20	60	-	290	100	100
12,5	20,5	20	60	-	260	125	100
13	22,5	20	60	-	340	130	100
16	26	20	60	-	440	160	50
19	29	20	60	-	500	190	50

NORMS

ISO 1307



### RADIATOR

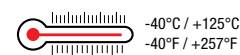


**TUBE** HEAT AND ANTI-FREEZE LIQUIDS RESISTANT EPDM RUBBER.  
**REINFORCEMENT** HIGH TENSILE SYNTHETIC TEXTILE.  
**COVER** HEAT, AGEING AND WEATHER RESISTANT EPDM RUBBER.  
**APPLICATION** FOR CONVEYING HOT WATER MIXED WITH ANTI-FREEZE LIQUIDS IN COOLING SYSTEMS, AUTOMOTIVE AND STATIONARY ENGINES.  
**SURFACE** CHANNELLED

mm.	mm.	BAR	BAR	BAR	gr/mt	mm	mm
18	24	4	12	-	281	180	40
20	26	4	12	-	307	200	40
22	28	4	12	-	334	220	40
25	32	4	12	-	423	250	40
28	36	4	12	-	573	280	40
30	38	4	12	-	609	300	40
32	40	4	12	-	645	320	40
35	43	4	12	-	699	350	40
38	46	4	12	-	753	380	40
40	48	4	12	-	789	400	40
42	50	4	12	-	825	420	40
45	54	4	12	-	990	450	40
50	60	4	12	-	1200	510	40
60	70	4	12	-	1493	600	40
70	81	4	12	-	1906	700	20
80	92	4	12	-	2368	800	20
90	102	4	12	-	2457	900	20
100	112	4	12	-	2549	1020	20

NORMS

ISO 1307



### GRECATO / SP MULTIPURPOSE



**TUBE** HEAT AND ANTI-FREEZE LIQUIDS RESISTANT EPDM RUBBER.  
**REINFORCEMENT** HIGH TENSILE SYNTHETIC TEXTILE AND STEEL WIRE HELIX.  
**COVER** ABRASION, HEAT, OZONE AND WEATHER RESISTANT, CHANNELED EPDM RUBBER.  
**APPLICATION** FOR SUCTION AND DELIVERY OF HOT WATER WITH VERY LIGHT CHEMICAL CONTENT IN INDUSTRIAL APPLICATIONS.  
**SURFACE** SMOOTH WITH FABRIC IMPRESSION

mm	mm	bar	bar	bar	gr/mt	mm	mt
18	26	5	15	0,8	410	40	40
20	28	5	15	0,8	448	45	40
25	33	5	15	0,8	551	60	40
30	40	5	15	0,8	834	85	40
32	42	5	15	0,8	840	90	40
38	48	5	15	0,8	972	110	40
51	60	5	15	0,8	1220	150	40

NORMS

ISO 1307



# AAG CATALOGUE

hot water and steam hoses



## ACQUA CALDA / 120°C

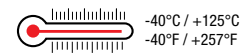


TUBE EPDM RUBBER.  
 REINFORCEMENT HIGH TENSILE SYNTHETIC TEXTILE.  
 COVER ABRASION, HEAT, OZONE AND WEATHER RESISTANT, EPDM RUBBER.  
 APPLICATION FOR DELIVERY OF HOT WATER WITH VERY LIGHT CHEMICAL CONTENT IN INDUSTRIAL APPLICATIONS  
 SURFACE SMOOTH WITH FABRIC IMPRESSION

mm.	mm.	BAR	BAR	BAR	gr/mt	mm	mm
12	22	10	30	-	392	120	40
15	25	10	30	-	461	150	40
18	28	10	30	-	529	180	40
20	30	10	30	-	575	200	40
25	35	10	30	-	667	250	40
30	41	10	30	-	897	300	40
35	48	10	30	-	1260	350	40
40	54	10	30	-	1423	400	40
45	61	10	30	-	1864	450	40
50	68	10	30	-	2231	510	40
60	82	10	30	-	3443	600	40

NORMS

ISO 1307



## VAPOR / 160°C



TUBE EPDM RUBBER, RESISTANT TO SATURATED STEAM.  
 REINFORCEMENT HIGH TENSILE SYNTHETIC TEXTILE AND ANTISTATIC COPPER WIRE.  
 COVER ABRASION, HEAT, STEAM, OZONE AND WEATHER RESISTANT, PIN-PRICKED SPECIAL SYNTHETIC RUBBER.  
 APPLICATION FOR GENERAL SATURATED STEAM SERVICES AT A MAXIMUM WORKING PRESSURE OF 6 BARS (87 PSI).  
 SURFACE SMOOTH WITH FABRIC IMPRESSION

mm.	mm.	BAR	BAR	BAR	gr/mt	mm	mm
12	23	6	60	-	320	127	40
15	26	6	60	-	387	150	40
18	30	6	60	-	485	180	40
19	31	6	60	-	511	190	40
25	37	6	60	-	604	254	40
30	45	6	60	-	958	300	40
32	46	6	60	-	914	320	40
35	50	6	60	-	1102	350	40
40	56	6	60	-	1339	400	40
45	64	6	60	-	1503	445	40
50	67	6	60	-	1638	508	40
60	82	6	60	-	1803	600	40

NORMS

ISO 1307



# AAG CATALOGUE

hot water and steam hoses



## VIBROCALOR / HD

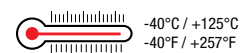


TUBE EPDM RUBBER.  
 REINFORCEMENT HIGH TENSILE SYNTHETIC TEXTILE.  
 COVER ABRASION, HEAT, OZONE AND WEATHER RESISTANT, EPDM RUBBER.  
 APPLICATION FOR DELIVERY OF HOT WATER WITH VERY LIGHT CHEMICAL CONTENT IN INDUSTRIAL APPLICATIONS  
 SURFACE SMOOTH WITH FABRIC IMPRESSION

mm.	mm.	BAR	BAR	BAR	gr/mt	mm	mm
22	32	7	21	-	460	220	40-60
25	33	7	21	-	530	250	40-60
32	42	7	21	-	960	320	40-60
40	53	7	21	-	1380	400	40-60
50	63	7	21	-	1514	510	40-60

NORMS

ISO 1307



## WATER INTAKE



TUBE EPDM RUBBER.  
 REINFORCEMENT HIGH TENSILE SYNTHETIC TEXTILE AND STEEL WIRE HELIX.  
 COVER ABRASION, HEAT, OZONE AND WEATHER RESISTANT, EPDM RUBBER.  
 APPLICATION FOR SUCTION AND DELIVERY OF HOT WATER WITH VERY LIGHT CHEMICAL CONTENT IN INDUSTRIAL APPLICATIONS.  
 SURFACE SMOOTH WITH FABRIC IMPRESSION

mm.	mm.	BAR	BAR	BAR	gr/mt	mm	mm
28	41,5	10	30	0,92	1085	99	40-60
32	42	10	30	0,92	901	110	40-60
32	45	10	30	0,92	1183	100	40-60
40	50	10	30	0,92	1180	150	40-60
50	60	10	30	0,92	1445	200	40-60
50,8	61	10	30	0,92	1466	202	40-60
60	72	10	30	0,92	1986	270	20-40
70	82	10	30	0,92	2426	300	20-40

NORMS

ISO 1307



### VAPORE ARMATO



**TUBE** EPDM RUBBER. RESISTANT TO SATURATED STEAM.  
**REINFORCEMENT** HIGH TENSILE STEEL WIRE CORDS.  
**COVER** ABRASION. HEAT. STEAM. OIL. OZONE AND WEATHER RESISTANT. PINPRICKED SPECIAL SYNTHETIC RUBBER.  
**APPLICATION** FOR SATURATED STEAM SERVICES AT A MAXIMUM WORKING PRESSURE OF 17 BARS (247 PSI) IN CHEMICAL PLANTS. STEEL MILL, REFINERIES. SHIPYARDS AND ALL INDUSTRIES.  
**SURFACE** SMOOTH WITH FABRIC IMPRESSION

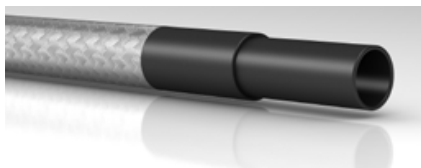
mm	mm	bar	bar	bar	gr/mt	mm	mt
10	21	17	170	-	450	180	40
19	32	17	170	-	730	228	40
25	38	17	170	-	926	305	40
32	46	17	170	-	1612	386	40
38	54	17	170	-	2812	456	40
51	67	17	170	-	2419	610	40

NORMS

ISO 1307



### EPDM ZINC



**TUBE** SMOOTH BLACK EPDM RUBBER  
**REINFORCEMENT** HIGH TENSILE SYNTHETIC TEXTILE  
**COVER** GALVANIZED STEEL WIRE BRAIDING WITH TWO IDENTIFICATION WIRES: RED AND BLUE  
**APPLICATION** FOR THE DELIVERY OF WATER AND LIQUIDS WITH LIGHT CHEMICAL CONTENT.  
**SURFACE** BRAIDED

mm.	mm.	BAR	BAR	BAR	gr/mt	mm	mm
10	3/8	15	25	75	-	-	40/50/100
13	1/2	19	25	75	-	-	40/50/100
16	5/8	23	20	60	-	-	40/50/100
19	3/4	26	20	60	-	-	40/50/100
25	1	33	15	45	-	-	40/50/100
32	1 1/4	43	10	30	-	-	40/50/100
38	1 1/2	51	10	30	-	-	40/50/100
40	1 9/16	53	10	30	-	-	40/50/100
51	2	64	10	30	-	-	40/50/100

NORMS

ISO 1307



### SABBIA / HD 12



**TUBE** ABRASION RESISTANT, ANTISTATIC NATURAL RUBBER.  
**REINFORCEMENT** HIGH TENSILE SYNTHETIC TEXTILE AND ANTISTATIC COPPER WIRE,  
**COVER** ABRASION, OZONE AND WEATHER RESISTANT PIN-PRICKED NATURAL AND SYNTHETIC RUBBER.  
**APPLICATION** FOR CLEANING AND BLASTING METAL, STONE AND CONCRETE SURFACES,  
**SURFACE** SMOOTH WITH FABRIC IMPRESSION

mm	mm	bar	bar	bar	gr/mt	mm	mt
13	25	12	36	-	434	127	40
16	30	12	36	-	583	160	40
19	34	12	36	-	696	190	40
25	40	12	36	-	837	254	40
30	45	12	36	-	987	300	40
32	48	12	36	-	1138	320	40
35	54	12	36	-	1507	350	40
40	60	12	36	-	1803	400	40
50	72	12	36	-	2347	508	40
60	82	12	36	-	2816	600	40
80	105	12	36	-	4247	800	40
90	115	12	36	-	4650	900	20-40
100	126	12	36	-	4650	1000	20-40

#### NORMS

ISO 1307  
BS ISO 4649



### SABBIA / HD 18



**TUBE** ABRASION RESISTANT, ANTISTATIC NATURAL RUBBER.  
**REINFORCEMENT** HIGH TENSILE SYNTHETIC TEXTILE AND ANTISTATIC COPPER WIRE,  
**COVER** ABRASION, OZONE AND WEATHER RESISTANT PIN-PRICKED NATURAL AND SYNTHETIC RUBBER.  
**APPLICATION** FOR CLEANING AND BLASTING METAL, STONE AND CONCRETE SURFACES,  
**SURFACE** SMOOTH WITH FABRIC IMPRESSION

mm.	mm.	BAR	BAR	BAR	gr/mt	mm	mm
13	25	18	60	-	434	127	40
16	30	18	60	-	583	160	40
19	34	18	60	-	696	190	40
25	40	18	60	-	837	254	40
30	45	18	60	-	987	300	40
32	48	18	60	-	1138	320	40
35	54	18	60	-	1507	350	40
40	60	18	60	-	1803	400	40
50	72	18	60	-	2347	508	40
60	82	18	60	-	2816	600	40
80	105	18	60	-	4247	800	40

#### NORMS

ISO 1307  
BS ISO 4649



### ABRABETON / 12



TUBE ABRASION RESISTANT ANTISTATIC NATURAL RUBBER.  
 REINFORCEMENT HIGH TENSILE SYNTHETIC TEXTILE AND ANTISTATIC COPPER WIRE.  
 COVER ABRASION, OZONE AND WEATHER RESISTANT PIN-PRICKED SPECIAL SYNTHETIC RUBBER.  
 APPLICATION FOR SPRAYING PLASTER, GROUT, SAND, GYPSUM, READY MIXED CONCRETE.  
 SURFACE SMOOTH WITH FABRIC IMPRESSION

mm.	mm.	BAR	BAR	BAR	gr/mt	mm	mm
51	68	12	36	-	1968	508	40
50	70	12	36	-	2271	508	40
50	74	12	36	-	2800	508	40
60	80	12	36	-	2659	600	40
60	82	12	36	-	2720	600	40
63	84	12	36	-	2790	630	40
65*	84	12	36	-	2820	650	40
65*	85	12	36	-	2841	650	40

\* 4 plies version

NORMS

ISO 1307



### ABRABETON / 40

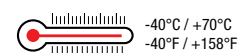


TUBE ABRASION RESISTANT ANTISTATIC NATURAL RUBBER.  
 REINFORCEMENT HIGH TENSILE SYNTHETIC TEXTILE AND ANTISTATIC COPPER WIRE.  
 COVER ABRASION, OZONE AND WEATHER RESISTANT PIN-PRICKED SPECIAL SYNTHETIC RUBBER.  
 APPLICATION FOR SPRAYING PLASTER, GROUT, SAND, GYPSUM, READY MIXED CONCRETE.  
 SURFACE SMOOTH WITH FABRIC IMPRESSION

mm.	mm.	BAR	BAR	BAR	gr/mt	mm	mm
20	31	40	120	-	360	200	40
25	37	40	120	-	683	254	40/61
30	42	40	120	-	930	300	40
30	45	40	120	-	1046	300	40
35	49	40	120	-	1136	350	40
40	55	40	120	-	1370	400	40
50	66	40	120	-	1746	508	40
50	68	40	120	-	1968	508	40
50	70	40	120	-	2271	508	40
50	74	40	120	-	2800	508	40

NORMS

ISO 1307





### CEMENTO HD



TUBE ABRASION RESISTANT ANTISTATIC NATURAL RUBBER.  
 REINFORCEMENT HIGH TENSILE SYNTHETIC TEXTILE AND ANTISTATIC COPPER WIRE.  
 COVER ABRASION, OZONE AND WEATHER RESISTANT PIN-PRICKED SPECIAL SYNTHETIC RUBBER.  
 APPLICATION FOR DISCHARGE OF DRY BULK MATERIALS, SAND, GRAVEL, DRY CEMENT ETC.  
 SURFACE SMOOTH WITH FABRIC IMPRESSION

mm.	mm.	BAR	BAR	BAR	gr/mt	mm	mm
102	110	10	30	-	1783	-	20
102	118	10	30	-	3288	-	20

NORMS | ISO 1307 -40°C / +70°C  
 -40°F / +158°F

### CEMENTO / SP



TUBE ABRASION RESISTANT ANTISTATIC NATURAL RUBBER.  
 REINFORCEMENT HIGH TENSILE SYNTHETIC TEXTILE, STEEL WIRE HELIX AND ANTISTATIC COPPER WIRE. ABRASION, OZONE  
 COVER ABRASION, OZONE AND WEATHER RESISTANT PIN-PRICKED SPECIAL SYNTHETIC RUBBER.  
 APPLICATION FOR SUCTION AND DISCHARGE OF DRY BULK MATERIALS, SAND, GRAVEL, DRY CEMENT ETC.  
 SURFACE SMOOTH WITH FABRIC IMPRESSION

mm.	mm.	BAR	BAR	BAR	gr/mt	mm	mm
25	40	10	30	0,8	907	155	40
32	45	10	30	0,8	1076	190	40
38	52	10	30	0,8	1434	230	40
50	66	10	30	0,8	2008	305	40
63	78	10	30	0,8	2442	380	40
76	92	10	30	0,8	3128	460	40
90	107	10	30	0,8	3815	540	40
100	120	10	30	0,8	4608	610	40

NORMS | ISO 1307 -40°C / +70°C  
 -40°F / +158°F

### ABRAELASTIC / SP

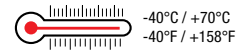


TUBE ABRASION RESISTANT NATURAL RUBBER, (BEIGE COLOUR).  
 REINFORCEMENT HIGH TENSILE SYNTHETIC TEXTILE, STEEL WIRE HELIX AND ANTISTATIC COPPER WIRE.  
 COVER ABRASION, OZONE AND WEATHER RESISTANT CORRUGATED SPECIAL SYTHETIC RUBBER.  
 APPLICATION FOR SUCTION AND DISCHARGE OF ABRASIVE POWDERS, DUST, GRANULES, SAND, GRAVEL, CEMENT AND POWDER ETC,  
 SURFACE CHANNELLED

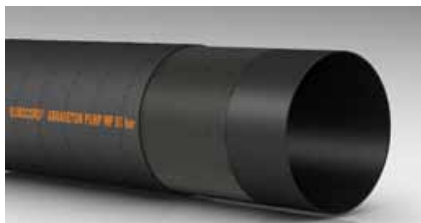
mm.	mm.	BAR	BAR	BAR	gr/mt	mm	mm
50	60	5	15	0,8	1218	500	40
60	70	5	15	0,8	1645	600	40
70	80	5	15	0,8	1860	700	40
75	85	5	15	0,8	2036	750	40
80	91	5	15	0,8	2236	800	40
90	102	5	15	0,8	2520	900	40
100	113	5	15	0,8	3091	1000	40
115	128	5	15	0,8	3680	1150	40
120	133	5	15	0,8	4193	1120	40
150	164	5	15	0,8	5976	1150	40

NORMS

ISO 1307



### ABRABETON UC 85

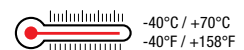


TUBE ABRASION RESISTANT ANTISTATIC NATURAL AND CBR RUBBER,  
 REINFORCEMENT HIGH TENSILE STEEL CORDS.  
 COVER ABRASION, OZONE AND WEATHER RESISTANT PIN-PRICKED SPECIAL SYNTHETIC RUBBER.  
 APPLICATION FOR HIGH PRESSURE CONCRETE PUMPING AND PLACING USED IN THE END OF BOOM OF CONCRETE PUMP.  
 SURFACE SMOOTH WITH FABRIC IMPRESSION

mm.	mm.	BAR	BAR	BAR	gr/mt	mm	mm
50.8	70	85	200	-	3410	508	20
63.5	88	85	200	-	4970	635	20
76.2	102	85	200	-	6581	762	20
101.6	130	85	200	-	9376	1016	20
127	155	85	200	-	10951	1270	20
152.4	184	85	175	-	13494	1524	20

NORMS

ISO 1307



### ASPHALT / SP

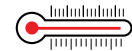


TUBE HEAT RESISTANT, SPECIAL SYNTHETIC ACRYLIC RUBBER.  
 REINFORCEMENT HIGH TENSILE SYNTHETIC TEXTILE, 2 STEEL WIRE HELIX AND ANTISTATIC COPPER WIRE.  
 COVER ABRASION, HEAT, WEATHER, OIL AND ASPHALT RESISTANT SPECIAL SYNTHETIC RUBBER.  
 APPLICATION FOR SUCTION AND DISCHARGE OF TAR AND HOT ASPHALT ON TANK TRUCKS & TANK CARS ETC. IN ROAD CONSTRUCTIONS UP TO 180°C.  
 SURFACE SMOOTH WITH FABRIC IMPRESSION

mm.	mm.	BAR	BAR	BAR	gr/mt	mm	mm
25,4	43	18	54	-0,92	1238	115	40-46-61
32	50	18	54	-0,92	1496	150	40-46-61
38	56	18	54	-0,92	1830	180	40-46-61
44,5	64	18	54	-0,92	2344	220	40-46-61
50,8	71	18	54	-0,92	2776	250	40-46-61
63,5	83	10	30	-0,92	3129	320	40-46-61
70	91	10	30	-0,92	3807	360	40-46-61
76,2	97	10	30	-0,92	4107	400	40-46-61
101,6	126	10	30	-0,92	6168	520	40-46-61
127	153	10	30	-0,92	8152	680	40-46-61
152,4	179	10	30	-0,92	10229	850	40-46-61

NORMS

ISO 1307



-40°C / +180°C  
-40°F / +356°F

### FLOSTER PARA/HD para light brown natural rubber



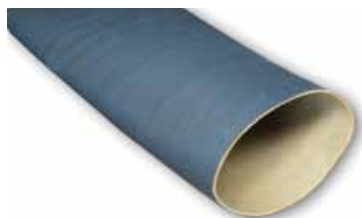
**CONSTRUCTION** ABRASION RESISTANT BEIGE NATURAL RUBBER.  
**APPLICATION** DISCHARGE OF ABRASIVE MATERIALS, SUCH AS SAND, GRAVEL, CEMENT,  
**SURFACE** GRAIN AND POWDER WITHOUT PRESSURE,  
SMOOTH WITH FABRIC IMPRESSION

NORMS  
ISO 1307



STOCK	mm	mm	mt	kg/mt
•	50 x 58	4	12	0,71
•	60 x 68	4	12	0,84
•	70 x 78	4	12	0,98
	76 x 84	4	12	1,05
•	80 x 88	4	12	1,10
•	90 x 98	4	12	0,90
•	102 x 110	4	12	1,33
•	114 x 122	4	12	1,48
•	120 x 128	4	12	1,57
•	130 x 138	4	12	1,69
•	140 x 148	4	12	1,82
•	152 x 160	4	12	1,96
•	168 x 176	4	12	2,16
•	193 x 201	4	9	2,48
•	200 x 208	4	12	2,56
•	220 x 228	4	6	2,81
•	254 x 262	4	12	3,24
•	273 x 281	4	10	3,47
•	305 x 313	4	12	3,90
•	323 x 331	4	6	4,14
•	350 x 358	4	6	4,45
•	400 x 408	4	7	5,10
•	500 x 508	4	6	6,19
•	612 x 620	4	6	7,80

### FLOSTER EPDM/HD 2-tone natural rubber



**CONSTRUCTION** ABRASION RESISTANT 2 TONE NATURAL RUBBER LIGHT BROWN INSIDE  
BLACK OUTSIDE.  
**APPLICATION** DISCHARGE OF ABRASIVE MATERIALS, SUCH AS SAND, GRAVEL, CEMENT,  
**SURFACE** GRAIN AND POWDER WITHOUT PRESSURE.  
THE BLACK COVER IS PARTICULARLY RESISTANT TO WEATHER, OZONE AND  
UV RAYS.  
SMOOTH WITH FABRIC IMPRESSION

STOCK	mm	mm	mt	kg/mt
	50 x 58	4	12	0,75
	60 x 68	4	12	0,88
	70 x 78	4	12	1,02
	76 x 84	4	12	1,07
	80 x 88	4	12	1,16
	90 x 98	4	12	1,27
	102 x 110	4	12	1,44
•	114 x 122	4	12	1,60
•	120 x 128	4	12	1,68
•	130 x 138	4	12	1,83
•	140 x 148	4	12	1,95
•	152 x 160	4	12	2,11
•	168 x 176	4	12	2,32
•	193 x 201	4	9	2,68
•	200 x 208	4	12	2,76
•	220 x 228	4	6	3,03
•	254 x 262	4	12	3,50
•	273 x 281	4	10	3,74
•	305 x 313	4	12	4,20
•	323 x 331	4	6	4,42
•	350 x 358	4	6	4,81
•	400 x 408	4	7	5,52
•	500 x 508	4	6	6,81
•	612 x 620	4	6	8,50

NORMS  
ISO 1307



### CHIMICO / HD

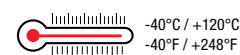


TUBE CHEMICAL RESISTANT BLACK EPDM RUBBER.  
 REINFORCEMENT HIGH TENSILE SYNTHETIC TEXTILE AND ANTISTATIC COPPER WIRE.  
 COVER WEATHER, OZONE AND ABRASION RESISTANT EPDM RUBBER.  
 APPLICATION FOR DISCHARGE WIDE RANGE OF CHEMICALS SEA AND INDUSTRIAL WATER.  
 SURFACE SMOOTH WITH FABRIC IMPRESSION

mm.	mm.	BAR	BAR	BAR	gr/mt	mm	mm
10	18	10	30	-	180	100	40
12	20	10	30	-	210	120	40
15	25	10	30	-	250	150	40
18	28	10	30	-	280	180	40
20	29	10	30	-	320	200	40
25	34	10	30	-	420	250	40
30	42	10	30	-	700	300	40
35	48	10	30	-	850	350	40
40	55	10	30	-	1050	400	40
45	62	10	30	-	1370	450	40
51	66	10	30	-	1490	510	40
60	76	10	30	-	2400	600	40

NORMS

ISO 1307



### CHIMICO / SP

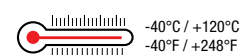


TUBE CHEMICAL RESISTANT BLACK EPDM RUBBER.  
 REINFORCEMENT HIGH TENSILE SYNTHETIC TEXTILE, STEEL WIRE HELIX AND ANTISTATIC COPPER WIRE.  
 COVER WEATHER, OZONE AND ABRASION RESISTANT EPDM RUBBER.  
 APPLICATION FOR SUCTION AND DISCHARGE WIDE RANGE OF CHEMICALS, SEA AND INDUSTRIAL WATER.  
 SURFACE SMOOTH WITH FABRIC IMPRESSION

mm.	mm.	BAR	BAR	BAR	gr/mt	mm	mm
30	42	10	30	0,7	720	180	40
35	48	10	30	0,7	860	210	40
40	53	10	30	0,7	1020	240	40
45	59	10	30	0,7	1250	270	40
51	64	10	30	0,7	1650	306	40
60	74	10	30	0,7	2150	360	40
70	86	10	30	0,7	2620	420	40
80	96	10	30	0,7	3400	480	40
102	120	10	30	0,7	4900	600	40
127	147	10	30	0,7	7550	762	40
152	175	10	30	0,7	12100	912	40
203	228	10	30	0,7	18000	1218	40

NORMS

ISO 1307



### CORDLINKED / HD



**TUBE** TRANSLUCENT, FOOD GRADE UHMW-PE LINER SUITABLE FOR WIDE RANGE OF CORROSIVE CHEMICALS AND SOLVENTS.

**REINFORCEMENT** HIGH TENSILE SYNTHETIC TEXTILE AND ANTISTATIC COPPER WIRES.

**COVER** WEATHER, OZONE, ABRASION RESISTANT EPDM RUBBER.

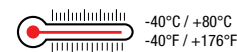
**APPLICATION** FOR DISCHARGE OF ALL CORROSIVE CHEMICALS, ESPECIALLY HIGH AROMATIC SOLVENTS.

**SURFACE** SMOOTH WITH FABRIC IMPRESSION

mm.	mm.	BAR	BAR	BAR	gr/mt	mm	mm
19	31	10	40	-	510	190	40
25	37	10	40	-	710	250	40
30	42	10	40	-	820	300	40
32	44	10	40	-	870	320	40
35	47	10	40	-	930	350	40
38	52	10	40	-	1130	380	40
40	54	10	40	-	1300	400	40
45	59	10	40	-	1470	450	40
51	65	10	40	-	1600	510	40
60	75	10	40	-	1930	600	40
63,5	78,5	10	40	-	2180	635	40
70	86	10	40	-	2460	700	40
76	94	10	40	-	2960	760	40
80	98	10	40	-	3100	800	20/40
102	122	10	40	-	3250	1020	20/40

NORMS

ISO 1307



### CORDLINKED / SP



**TUBE** TRANSLUCENT, FOOD GRADE UHMW-PE LINER SUITABLE FOR WIDE RANGE OF CORROSIVE CHEMICALS AND SOLVENTS.

**REINFORCEMENT** HIGH TENSILE SYNTHETIC TEXTILE, STEEL WIRE HELIX AND ANTISTATIC COPPERWIRE.

**COVER** WEATHER, OZONE, ABRASION RESISTANT EPDM RUBBER.

**APPLICATION** FOR SUCTION AND DISCHARGE OF ALL CORROSIVE CHEMICALS, ESPECIALLY HIGH AROMATIC SOLVENTS.

**SURFACE** SMOOTH WITH FABRIC IMPRESSION

mm.	mm.	BAR	BAR	BAR	gr/mt	mm	mm
19	29	10	40	0,7	510	120	40
25	36	10	40	0,7	760	150	40
30	44	10	40	0,7	1140	175	40
32	46	10	40	0,7	1190	180	40
35	49	10	40	0,7	1300	200	40
38	52	10	40	0,7	1460	220	40
40	54	10	40	0,7	1520	220	40
45	59	10	40	0,7	1710	260	40
51	66	10	40	0,7	2030	280	40
60	76	10	40	0,7	2550	350	40
63,5	78,5	10	40	0,7	2660	360	40
70	86	10	40	0,7	2930	420	40
76	94	10	40	0,7	3460	420	40
80	98	10	40	0,7	3500	460	20/40
102	120	10	40	0,7	4740	590	20/40

NORMS

ISO 1307



### EPDM FQ

Produced according FDA-title21 Parts 170 to 199 item 177.2600



TUBE: SMOOTH BLACK EPDM RUBBER  
 REINFORCEMENT: HIGH TENSILE SYNTHETIC TEXTILE  
 COVER: SMOOTH BLACK EPDM RUBBER, RESISTANT TO HEAT, ABRASION, OZONE AND WEATHER CONDITIONS.  
 APPLICATION: FOR THE DELIVERY OF WATER AND LIQUIDS WITH LIGHT CHEMICAL CONTENT.  
 SURFACE: SMOOTH

mm.	mm.	BAR	BAR	BAR	gr/mt	mm	mm
5	10,5	10	30	-	82	50	50-100
8	15	10	30	-	160	80	50-100
8	17	25	75	-	220	80	50-100
10	17	10	30	-	190	100	50-100
11	19	10	30	-	260	110	50-100
12	19,5	10	30	-	270	120	50-100
13	20	10	30	-	270	130	50-100

NORMS

ISO 1307



### CLEANING LB

Produced according FDA-title21 Parts 170 to 199 item 177.2600



TUBE: WHITE NBR, FOOD QUALITY ACCORDING TO FDA (CFR 21 CAP. 177.2600) AND REG EU 10/2011, ODORLESS, SUITABLE FOR FOOD LIQUIDS DELIVERY.  
 REINFORCEMENT: HIGH TENSILE SYNTHETIC TEXTILE.  
 COVER: NBR BLUE RUBBER, RESISTANT TO ANIMAL FAT, OZONE AND ATMOSPHERIC AGENTS.  
 APPLICATION: SUITABLE FOR HOT WATER DELIVERY IN FOOD PROCESSING PLANTS OR ABATTOIRS  
 SURFACE: SMOOTH

mm	mm	bar	bar	bar	gr/mt	mm	mt
13	23	20	60	-	400	60	100
16	26	20	60	-	460	85	50
19	31	20	60	-	600	100	50
25	36	20	60	-	780	125	50

NORMS

ISO 1307



### CLEANING / HD



**TUBE** WHITE OIL AND STEAM RESISTANT, ODOUR FREE SPECIAL SYNTHETIC RUBBER.  
**REINFORCEMENT** HIGH TENSILE SYNTHETIC TEXTILE.  
**COVER** OIL, HEAT, ABRASION, OZONE AND WEATHER RESISTANT, SPECIAL SYNTHETIC RUBBER.  
**APPLICATION** FOR CLEANING IN FOOD PROCESSING PLANTS (DAIRIES, ABATTOIRS ETC.) WITH HOT WATER AND STEAM.  
**SURFACE** SMOOTH WITH FABRIC IMPRESSION

mm	mm	bar vapore	bar acqua	bar	bar	gr/mt	mm	mt
13	23	6	18	60	-	-	130	40
16	26	6	18	60	-	-	160	40
19	31	6	18	60	-	-	190	40
25	37	6	18	60	-	-	250	40
32	47	6	18	60	-	-	320	40
38	54	6	18	60	-	-	380	40
51	66	6	18	60	-	-	510	40

**NORMS** | ISO 1307 -40°C / +125°C STEAM UP TO 165°C  
 -40°F / +257°F STEAM UP TO 329°F

### CLEANING / SP



**TUBE** WHITE OIL AND STEAM RESISTANT, ODOUR FREE SPECIAL SYNTHETIC RUBBER.  
**REINFORCEMENT** HIGH TENSILE SYNTHETIC TEXTILE.  
**COVER** OIL, HEAT, ABRASION, OZONE AND WEATHER RESISTANT, SPECIAL SYNTHETIC RUBBER.  
**APPLICATION** FOR CLEANING IN FOOD PROCESSING PLANTS (DAIRIES, ABATTOIRS ETC.) WITH HOT WATER AND STEAM.  
**SURFACE** SMOOTH WITH FABRIC IMPRESSION

mm	mm	bar vapore	bar acqua	bar	bar	gr/mt	mm	mt
25	39	6	18	60	0,6	-	150	40
30	45	6	18	60	0,6	-	180	40
32	47	6	18	60	0,6	-	190	40
35	50	6	18	60	0,6	-	210	40
38	53	6	18	60	0,6	-	228	40
40	55	6	18	60	0,6	-	240	40
51	66	6	18	60	0,6	-	300	40
60	76	6	18	60	0,6	-	360	40
70	87	6	18	60	0,6	-	420	40
76	94	6	18	60	0,6	-	450	40
80	98	6	18	60	0,6	-	480	40
102	122	6	18	60	0,6	-	600	40

**NORMS** | ISO 1307 -40°C / +125°C STEAM UP TO 165°C  
 -40°F / +257°F STEAM UP TO 329°F



### WHITE ALIMENT / HD



TUBE WHITE COLOUR, NON-TOXIC, TASTE AND ODOUR FREE, EPDM RUBBER.  
 REINFORCEMENT HIGH TENSILE SYNTHETIC TEXTILE.  
 COVER WEATHER, OZONE AND ABRASION RESISTANT, SPECIAL SYNTHETIC RUBBER,  
 APPLICATION FOR DELIVERY OF BEVERAGES SUCH AS WINE, LIQUEUR, BEER, FRUIT JUICES,  
 MINERAL WATER ETC.  
 SURFACE SMOOTH WITH FABRIC IMPRESSION

mm	bar	bar	bar	gr/mt	mm	mt
13	10	30	-	-	130	40
16	10	30	-	-	160	40
19	10	30	-	-	190	40
25	10	30	-	-	250	40
30	10	30	-	-	300	40
32	10	30	-	-	320	40
35	10	30	-	-	350	40
38	10	30	-	-	380	40
40	10	30	-	-	400	40
45	10	30	-	-	450	40
51	10	30	-	-	510	40
60	10	30	-	-	600	40
70	10	30	-	-	700	40
80	10	30	-	-	800	40
102	10	30	-	-	1020	20

NORMS

ISO 1307



### WHITE ALIMENT / SP

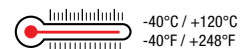


TUBE WHITE COLOUR, NON-TOXIC, TASTE AND ODOUR FREE, EPDM RUBBER.  
 REINFORCEMENT HIGH TENSILE SYNTHETIC TEXTILE AND STEEL WIRE HELIX.  
 COVER WEATHER, OZONE AND ABRASION RESISTANT, SPECIAL SYNTHETIC RUBBER,  
 APPLICATION FOR SUCTION AND DELIVERY OF BEVERAGES SUCH AS WINE, LIQUEUR, BEER,  
 FRUIT JUICES, MINERAL WATER ETC.  
 SURFACE SMOOTH WITH FABRIC IMPRESSION

mm	bar	bar	bar	gr/mt	mm	mt
19	10	30	0,7	-	95	40
25	10	30	0,7	-	125	40
30	10	30	0,7	-	150	40
32	10	30	0,7	-	160	40
35	10	30	0,7	-	175	40
38	10	30	0,7	-	190	40
40	10	30	0,7	-	200	40
45	10	30	0,7	-	225	40
51	10	30	0,7	-	250	40
60	10	30	0,7	-	300	40
70	10	30	0,7	-	350	40
80	10	30	0,7	-	400	40
90	10	30	0,7	-	450	40
102	10	30	0,7	-	500	20
110	10	30	0,7	-	550	20
120	10	30	0,7	-	600	20

NORMS

ISO 1307



### FAT ALIMENT / HD

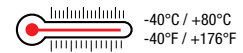


TUBE WHITE, NON-TOXIC, TASTE AND ODOUR FREE, VEGETABLE OIL RESISTANT, FOOD GRADE NBR RUBBER.  
 REINFORCEMENT HIGH TENSILE SYNTHETIC TEXTILE  
 COVER OIL WEATHER, OZONE AND ABRASION RESISTANT, SPECIAL SYNTHETIC RUBBER.  
 APPLICATION FOR DISCHARGE OF MILK, VEGETABLE OIL AND BEVERAGES.  
 SURFACE SMOOTH WITH FABRIC IMPRESSION

mm	bar	bar	bar	gr/mt	mm	mt
13	10	30	-	-	130	40
19	10	30	-	-	190	40
25	10	30	-	-	250	40
30	10	30	-	-	300	40
32	10	30	-	-	320	40
35	10	30	-	-	350	40
38	10	30	-	-	380	40
40	10	30	-	-	400	40
45	10	30	-	-	450	40
51	10	30	-	-	510	40
60	10	30	-	-	600	40
70	10	30	-	-	700	40
80	10	30	-	-	800	40
102	10	30	-	-	1020	20
120	10	30	-	-	1200	20

NORMS

ISO 1307



### FAT ALIMENT / SP



TUBE WHITE, NON-TOXIC, TASTE AND ODOUR FREE, VEGETABLE OIL RESISTANT, FOOD GRADE NBR RUBBER.  
 REINFORCEMENT HIGH TENSILE SYNTHETIC TEXTILE AND STEEL WIRE HELIX.  
 COVER OIL, WEATHER, OZONE AND ABRASION RESISTANT, SPECIAL SYNTHETIC RUBBER.  
 APPLICATION SUCTION AND DISCHARGE OF MILK, VEGETABLE OIL AND BEVERAGES.  
 SURFACE SMOOTH WITH FABRIC IMPRESSION

mm	bar	bar	bar	gr/mt	mm	mt
19	10	30	0,7	-	95	40
25	10	30	0,7	-	120	40
30	10	30	0,7	-	150	40
32	10	30	0,7	-	150	40
35	10	30	0,7	-	175	40
38	10	30	0,7	-	200	40
40	10	30	0,7	-	210	40
51	10	30	0,7	-	250	40
60	10	30	0,7	-	360	40
76	10	30	0,7	-	450	40
80	10	30	0,7	-	480	40
102	10	30	0,7	-	600	20

NORMS

ISO 1307



## ACQUA HD 40



**SELF-EXTINGUISHING  
SELBSTLÖSCHEND  
AUTOESTINGUENTE  
AUTO-EXTINGUIBLE**

TUBE BLACK SELF-EXTINGUISHING COMPOUND ACCORDING TO ASTM C542, CR RUBBER  
REINFORCEMENT HIGH TENSILE SYNTHETIC TEXTILE  
COVER BLACK SELF-EXTINGUISHING COMPOUND ACCORDING TO ASTM C542, CR RUBBER  
APPLICATION FOR THE DELIVERY ONLY OF LIQUIDS OR OF TECHNICAL GAS AS NITROGEN, HYDROGEN, OXYGEN AND OTHERS; FOR APPLICATIONS WHERE THE FLAME MUST NOT PROPAGATE.  
SURFACE SMOOTH WITH FABRIC IMPRESSION

mm.	mm.	BAR	BAR	BAR	gr/mt	mm	mm
10	17	40	120	-	250	60	-
13	22	40	120	-	370	90	-
32	47	40	120	-	1350	190	-
38	54	40	120	-	1720	240	-

NORMS | ISO 1307 -30°C / +80°C  
-22°F / +176°F

## CFV HD 10 / 20



**WHITE EPDM  
WEISS EPDM  
EPDM BLANCO  
EPDM BLANC**

TUBE WHITE INSULATING EPDM COMPOUND  
REINFORCEMENT HIGH TENSILE SYNTHETIC TEXTILE  
COVER RAW FABRIC IN GLASS-FIBRE, TYPE E-550°C  
APPLICATION FOR THE DELIVERY ONLY OF LIQUIDS OR GAS ON PLANTS WHERE A HIGH ELECTRIC ISOLATION AND AN EXTERNAL PROTECTION FROM RADIANT HEAT IS REQUESTED; TYPICAL APPLICATION ON ELECTRIC OVENS OF STEEL FUSION.  
SURFACE GLASS FIBER BRAID

mm.	mm.	BAR	BAR	BAR	gr/mt	mm	mm
13	23	10	30	-	410	85	-
13	22	20	60	-	360	85	-
19	30	20	60	-	620	120	-
25	37	20	60	-	870	150	-
32	46	20	60	-	1290	190	-
38	53	20	60	-	1650	240	-
50	70	20	60	-	2850	300	-

NORMS | ISO 1307 -30°C / +120°C  
-22°F / +248°F

## CFV SP 10 / 20



**BLACK SBR  
SCHWARZ SBR  
SBR NEGRO  
SBR NOIR**

TUBE BLACK SBR RUBBER  
REINFORCEMENT HIGH TENSILE SYNTHETIC TEXTILE AND STEEL WIRE HELIX  
COVER RAW FABRIC IN GLASS-FIBRE, TYPE E-550°C  
APPLICATION FOR THE DELIVERY AND SUCTION OF GENERAL LIQUIDS ON PLANTS WHERE A HIGH ELECTRIC ISOLATION AND AN EXTERNAL PROTECTION FROM RADIANT HEAT IS REQUESTED; TYPICAL APPLICATION ON ELECTRIC OVENS OF STEEL FUSION.  
SURFACE GLASS FIBER BRAID

mm.	mm.	BAR	BAR	BAR	gr/mt	mm	mm
13	22	10	30	-	360	90	-
19	30	10	30	-	610	120	-
25	39	10	30	-	1020	150	-
32	46	10	30	-	1240	190	-
38	53	10	30	-	1550	230	-
50	68	10	30	-	2420	300	-
60	78	10	30	-	2830	360	-
75	93	10	30	-	3440	450	-
100	120	10	30	-	5050	600	-
125	148	10	30	-	7150	750	-
150	177	10	30	-	10150	900	-
200	232	10	30	-	15740	1200	-
250	286	10	30	-	21960	1500	-
75	93	20	60	-	3540	450	-
102	125	20	60	-	5980	600	-
127	149	20	60	-	6940	750	-
152	179	20	60	-	10270	900	-

NORMS

ISO 1307



## CFV HD 40



**SELF-EXTINGUISHING  
SELBSTLÖSCHEND  
AUTOESTINGUENTE  
AUTO-EXTINGUIBLE**

TUBE BLACK SELF-EXTINGUISHING COMPOUND ACCORDING TO ASTM C542, CR RUBBER  
REINFORCEMENT HIGH TENSILE SYNTHETIC TEXTILE  
COVER RAW FABRIC IN GLASS-FIBRE, TYPE E-550°C  
APPLICATION FOR THE DELIVERY ONLY OF LIQUIDS OR OF TECHNICAL GAS AS NITROGEN, HYDROGEN, OXYGEN AND OTHERS; FOR APPLICATIONS WHERE THE FLAME MUST NOT PROPAGATE AND AN EXTERNAL PROTECTION FROM RADIANT HEAT IS REQUESTED; TYPICAL APPLICATION ON STEEL PLANTS.

mm.	mm.	BAR	BAR	BAR	gr/mt	mm	mm
13	23	40	120	-	450	85	-
19	31	40	120	-	780	120	-
25	38	40	120	-	1050	150	-
32	47	40	120	-	1520	190	-
38	54	40	120	-	1850	240	-
50	70	40	120	-	2960	300	-
75	95	40	120	-	4200	450	-

NORMS

ISO 1307



### PROTECH / HD



**CONSTRUCTION** SYNTHETIC FULLENO.  
ABRASION AND WEATHER RESISTANT, BLACK, NON-CONDUCTIVE,  
SYNTHETIC RUBBER

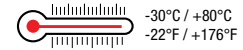
**APPLICATION** CABLE PROTECTION IN INDUSTRIAL APPLICATIONS AND WELDING MACHINES.

**SURFACE** SMOOTH WITH FABRIC IMPRESSION

mm	mm	bar	bar	bar	gr/mt	mm	mt
16	19	-	-	-	105	-	40
19	22	-	-	-	125	-	40
20	23	-	-	-	131	-	40
22	25	-	-	-	143	-	40
25	28	-	-	-	164	-	40
28	31	-	-	-	180	-	40
30	33	-	-	-	192	-	40
32	35	-	-	-	204	-	40
35	38	-	-	-	223	-	40
38	41	-	-	-	241	-	40
40	43	-	-	-	253	-	40
42	45	-	-	-	266	-	40
51	54	-	-	-	319	-	40
57	60	-	-	-	357	-	40

NORMS

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### VIBRO 10



**TUBE** SPECIAL SYNTHETIC RUBBER.

**REINFORCEMENT** HIGH TENSILE SYNTHETIC TEXTILE.

**COVER** ABRASION, OZONE AND WEATHER RESISTANT SPECIAL SYNTHETIC RUBBER.

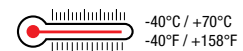
**APPLICATION** UTILIZED ON SUBMERGED VIBRATORS TO PREVENT AIR BUBBLES IN THE CONCRETE LIQUID PROJECTED BY HAND VIBRATING.

**SURFACE** SMOOTH WITH FABRIC IMPRESSION

mm.	mm.	BAR	BAR	BAR	gr/mt	mm	mm
19	30	10	30	-	587	190	40-60
22	30	10	30	-	430	220	40-60
25	36	10	30	-	682	250	40-60
25	39	10	30	-	926	250	40-60
25	42	10	30	-	1190	250	40-60
28	44	10	30	-	1245	280	40-60
38	54	10	30	-	1318	380	40-60
40	54	10	30	-	1419	400	40-60

NORMS

ISO 1307



### ASPIRDUST / SP

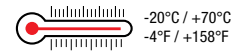


TUBE NATURAL AND SYNTHETIC RUBBER.  
 REINFORCEMENT SYNTHETIC TEXTILE AND STEEL HELIX WIRE.  
 COVER ABRASION, OZONE, WEATHER AND HEAT RESISTANT SYNTHETIC RUBBER-CORRUGATED.  
 APPLICATION FOR SUCTION AND DELIVERY OF AIR,DUST,GRAIN, POWDER ETC.  
 SURFACE CHANNELLED

mm.	mm.	BAR	BAR	BAR	gr/mt	mm	mm
30	3,5	-	-	0,6	-	120	40
32	3,5	-	-	0,6	-	130	40
35	3,5	-	-	0,6	-	140	40
38	3,5	-	-	0,6	-	150	40
40	3,5	-	-	0,6	-	160	40
45	3,5	-	-	0,6	-	180	40
50	3,5	-	-	0,6	-	200	40
60	3,5	-	-	0,6	-	240	40
70	3,5	-	-	0,6	-	280	40
75	3,5	-	-	0,6	-	300	40
80	3,5	-	-	0,6	-	320	40
90	3,5	-	-	0,6	-	360	40
100	3,5	-	-	0,6	-	400	40

NORMS

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COMMON NAME	REF. TO ASTM STANDARDS	COMPOSITION	GENERAL PROPERTIES	POOR PERFORMANCE IN CONTACT WITH:
Nitrile (Buna-N)	<b>NBR</b>	Nitrile Butadiene	Excellent resistance to oils. Moderate resistance to aromatic hydrocarbons, good physical properties	Ozone – Ketone – aldehyde esters – Chlorinated products and Nitro -
EPDM	<b>EPDM</b>	Ethylene Propylene Thermopolymer	Resistance to ozone and weather conditions, to chemical products and ageing, poor resistance to oil refinery products. Perfect resistance to vapour.	Mineral oils – solvents – aromatic hydrocarbons
SBR	<b>SBR</b>	Styrene Butadiene	Good physical properties, good resistance to abrasion, poor resistance to oil refinery products	Ozone – Strong acids – Greases – Oils – Hydrocarbons in general
Hypalon®	<b>CSM</b>	Polyethylene Chlorosulphonate	Excellent resistance to ozone and weather conditions and to acids, good resistance to heat and abrasion, poor resistance to oil refinery products	Concentrated oxidising acids – Ketone Esters – Chlorinated products – Aromatic and nitrile hydrocarbons
Natural rubber	<b>NR</b>	Polyisoprene (natural rubber)	Excellent physical properties, perfect resistance to abrasion, to acids, not resistant to oils	Ozone – Strong acids – Greases and Oils – Hydrocarbons
Neopren®	<b>CR</b>	Polychloroprene Chlorosulphonate	Excellent resistance to weather conditions. Good resistance to oil, good physical properties and flame resistant	Concentrated oxidising acids – Ketone Esters – Chlorinated products – Aromatic and Nitrile hydrocarbons
Viton	<b>FPM</b>	Hexafluorine Propylene copolymer Vinylfluorid	Excellent resistance to high temperatures, especially with regard to air and oil. Perfect resistance to chemical products	Esters and Ketones
Butile	<b>IIR</b>	Isobutylene Isoprene	Excellent resistance to weather conditions. Low permeability to heat. Poor resistance to oil refinery products	Cyclo-hexane – heptane – Petrol

### CHEMICAL RESISTANCE TABLE

This table is to be used merely as a general reference guide, since the resistance of the elastomers may vary based on the concentration and temperature of the chemical products or in the case of intermittent or continuous use in contact with the elastomer. Unless specified otherwise, the class to be applied in contact with the elastomer is based on saturated solutions and/or concentrations at ambient temperature (21 C°). For certain chemical elements, when the working temperature exceeds the recommended temperature, the performance may be reduced, consequently the elastomer may have a shorter life.

**A** = Perfect resistance - Suitable for continuous use.

**B** = Good resistance – Normally suitable for continuous and/or intermittent use.

**C** = Fair resistance – Not recommended for continuous use but it can be used if other Elastomers are not available.

**D** = Limited resistance – Use not recommended.

Blank space= Insufficient information to be completed with other parameters.

# AAG CATALOGUE

## chemical resistance table



Componente	Natural Rubber	SBR	Butyl	Nitrile	Neoprene®	Hypalon®	EPDM	Viton®
Acetal								
Acetaldehyde	C	D	A	D	C	C	A	D
Acetamide	C	C	A	C	B	B	A	B
Acetate Solvents	C	D		D	D	D	D	
Acetic Acid, 10%	B	B	B	B	C	C	B	C
Acetic Acid, 30%	B	B	C	B	B	B	A	C
Acetic Acid, 50%	B	D	B	C	C	C	A	D
Acetic Acid, Glacial	D	D	B	D	C	D	B	D
Acetic Anhydride	C	B	B	C	B	B	B	D
Acetic Ester (Ethyl Acetate)	D	D	B	D	D	D		D
Acetic Ether (Ethyl Acetate)	D	D	B	D	D	C		D
Acetic Oxide (Acetic Anhydride)	C	B	A	C	B	B		D
Acetone	B	B	A	D	B	B	A	D
Acetophenone	C	D	A	D	D	D	A	D
Acetyl Acetone	C	D	B	D	D	D		D
Acetyl Chloride	D	D	D	D	D	D		B
Acetylene	B	B	A	A	B	B	B	A
Acrylonitrile	D	D	D	D	C	C	D	D
Air	A	A	A	A	A	A	A	A
Alcohols, Aliphatic	A	B		A	A	A	B	
Alcohols, Aromatic	C	D		C	C			
Alk-Tri (Trichloroethylene)	D	D	D	D	D	D		A
Allyl Alcohol	A	B	A	A	A	A		B
Allyl Bromide	D	D	D	D	D	D		B
Allyl Chloride	D	D	D	D	D	D	D	B
Alum (Aluminum Potassium Sulfate)	A	A	A	A	A	A	A	A
Aluminum Acetate	C	C	A	C	C	B	A	A
Aluminum Chloride	A	A	A	A	A	A	A	A
Aluminum Fluoride	A	A	A	A	A	A	A	A
Aluminum Hydroxide	A	A	A	A	A	A	A	A
Aluminum Phosphate	A	A	A	A	A	A	A	A
Aluminum Nitrate	A	A	A	A	A	A	A	A
Aluminum Sulfate	A	A	A	A	A	A	A	A
Ammonia, Anhydrous	A		A	A	A	B	A	D
Ammonia, Liquid	B	B	A	A	A	A	A	A
Ammonia in Water	B	B	B	B	B	B	A	B
Ammonia, Gas (Cold)	A	A	A	A	A	A	A	D
Ammonia, Gas (150 F)	C	C	B	C	B	B	B	D
Ammonium Carbonate	A	A	A	D	A	A	A	
Ammonium Chloride	A	A	A	A	A	A	A	A
Ammonium Hydroxide	B	B	A	B	B	A	B	B
Ammonium Metaphosphate	A	A	A	A	A	A	A	A
Ammonium Nitrate	B	A	A	A	A	A	A	A
Ammonium Nitrite	A	A	A	A	A	A	A	
Ammonium Persulfate	A	D	A	D	A	A	A	
Ammonium Phosphate	A	A	A	A	A	A	A	A
Ammonium Sulfate	A	A	A	A	A	A	A	A
Ammonium Sulfide	A	A	A	A	A	A	A	A
Ammonium Sulfite	A	A	A	A	A	A	A	A
Ammonium Thiocyanate	A	A	A	A	A	A	A	A
Ammonium Thiosulfate	A	A	A	A	A	A		A
Amyl Acetate	C	D	C	D	D	D	B	D
Amyl Acetone	D	D		D	D	D		
Amyl Alcohol	A	A	A	A	A	A	A	A
Amylamine	C	C	B	C	C	C		D
Amyl Borate	D	D	D	A	A	A	D	A
Amyl Chloride	D	D	D	D	D	D	D	A
Amyl Chloronapthalene	D	D	D	D	D	D	D	A
Amyl Napthalene	D	D	D	D	D	D	D	A
Amyl Oleate	D	D	D	D	D	D		
Amyl Phenol	D	D	D	D	D	D		A
Anethole	D	D	D	D	D	D		B
Aniline	D	D	B	D	C	C	D	B
Aniline Dyes	B	B	B	C	B	B	B	B
Aniline Hydrochloride	B	C	B	B	D	D	B	B
Animal Fats	D	D	B	A	B	B	B	A
Animal Grease	D	D	D	B	B	D		A
Animal Oils	D	D	B	A	D	D		A
Ansul Ether	D	D	C	C	D	D	C	D
Antifreeze (Ethylene Glycol)	A	A	A	A	A	A	A	A



# AAG CATALOGUE

## chemical resistance table



Componente	Natural Rubber	SBR	Butyl	Nitrile	Neoprene®	Hypalon®	EPDM	Viton®
Antimony Chloride			A	B	C		B	A
Antimony Pentachloride	D	D	D	D	D	D		
Aqua Regia	D	D	D	D	D	C	C	B
Aromatic Hydrocarbons	D	D		C	D	D	D	
Arquad	A	A	A	A		A		A
Arsenic Acid	A	A	A	A	A	A	A	A
Arsenic Chloride	D	D	D	D	B	D		D
Arsenic Trichloride	D	D	D	B	A	D		D
Asphalt	D	D	D	B	C	D	D	A
Astm #1 Oil	D	D	D	A	A	B	D	A
Astm #2 Oil	D	D	D	A	B	C	D	A
Astm #3 Oil	D	D	D	A	C	C	D	A
Aviation Gasoline	D	D	D	A	D	D	D	A
Barium Carbonate	A	A	A	A	A	A	A	A
Barium Chloride	A	A	A	A	A	A	A	A
Barium Hydroxide	A	A	A	A	A	A	A	A
Barium Sulfate	A	A	A	A	A	A	A	A
Barium Sulfide	A	A	A	A	A	A	A	A
Beer	A	A	A	A	A	A	A	A
Beet Sugar Liquors	A	A	A	A	A	A	A	A
Benzaldehyde	D	D	B	D	D	D	B	D
Benzene (Benzol)	D	D	D	D	D	D	D	A
Benzene Sulfonic Acid					A	A		A
Benzene Solvent (LigroIn)	D	D		A	C	C	D	
Benzoic Acid	D	D	B		B	B		A
Benzoic Aldehyde	D	D	B	D	D	D		D
Benzotrichloride	D	D		D	D	D		
Benzoyl Chloride	D			D	D	D	D	B
Benzyl Acetate	D	D	A	D	D	B		D
Benzyl Alcohol	B	B	B	D	B	B	D	A
Benzyl Chloride	D	D	C	D	D	D	D	A
Bichromate of Soda (Sodium Dichromate)			A		B	B		
Black Sulfate Liquor	B	B	A	B	A	B	A	A
Blast Furnace Gas	D	D	C	C	C	C	C	A
Bleach Solutions	D	D	B	D	C	C	A	B
Borax	B	B	A	B	A	A	A	A
Bordeaux Mixture	B	B	A	A	A	A	A	A
Boric Acid	A	A	A	A	A	A	A	A
Brandy	A	A	A	A	A	A	A	A
Brine	A	A	A	A	A	A	A	A
Bromine	D	D	D	D	D	D	D	A
Bromine Water					B	A		A
Bromobenzene	D	D	D	D	D	D	D	B
Bunker Oil	D	D	D	A	B	D	D	A
Butanol (Butyl Alcohol)	A	A	A	A	A	A	A	A
Buladiene Butane	D	D	D	D	B	B	D	A
Butane	D	D	D	A	A	A	D	A
Butter	C	C	B	A	A	A	B	A
Butyl Acetate	D	D	B	D	D	D	C	D
Butyl Acrylate	D	D	D	D	D	D	D	D
Butylamine	C	C	C	C	D	C	D	D
Butyl Benzene	D	D	D	D	D	D		A
Butyl Bromide	D	D	D	D	D	D		B
Butyl Butyrate	D	D	C	D	D	D		C
Butyl Carbitol	D	D	A	B	B	B	A	A
Butyl Cellosolve	D	D	A	B	B	B	A	D
Butyl Chloride	D	D	C	D	D	D		A
Butyl Ether	D	D	D	B	B	B		D
Butyl Ethyl Acetaldehyde	D	D	B	D	D	D		D
Butyl Ethyl Ether	D	D	D	D	D	B		
Butyl Oleate	D	D	B		D	D	B	A
Butyl Phthalate	D	D	A	D	D	D		C
Butyl Stearate	D	D	C	B	D	D	B	A
Butyraldehyde	C	C	B	D	C	C	C	D
Butyric Acid	C	D	C	C	C	B	D	C
Butyric Anhydride	C	D	C	C	D	B		
Calcium Acetate	B	C	A	C	B	B	A	D
Calcium Bisulfate	A	A	A	A	A	A	A	A
Calcium Bisulfite	A	A	A	A	A	A	A	A
Calcium Carbonate	A	A	A	A	A	A	A	A

# AAG CATALOGUE

## chemical resistance table



Componente	Natural Rubber	SBR	Butyl	Nitrile	Neoprene®	Hypalon®	EPDM	Viton®
Calcium Chloride	A	A	A	A	A	A	A	A
Calcium Hydroxide	A	B	A	B	B	B	B	C
Calcium Hypochlorite	D	D	A	C	C	A	B	A
Calcium Nitrate	A	A	A	A	A	A	A	A
Calcium Sulfate	A	A	A	A	A	A	A	A
Calcium Sulfide	B	B	A	B	A	A	A	A
Calcium Sulfite	A	A	A	A	A	A		A
Caliche Liquor (Crude Sodium Nitrate)	A	A	A	A	A	A	A	A
Cane Sugar Liquors	A	A	A	A	A	A	A	A
Carbitol	D	D	A	C	A	B	B	B
Carbitol Acetate	D	D	B	D	D	D		
Carbolic Acid (Phenol)	D	D	B	D	C	C	B	A
Carbon Bisulfide (See Carbon Disulfide)					D			
Carbon Dioxide	A	A	A	A	A	A	A	A
Carbon Disulfide	D	D	D	D	D	D	D	A
Carbonic Acid	A	A	A	A	A	A	A	A
Carbon Monoxide	A	A	B	A	A	A	A	A
Carbon Tetrachloride	D	D	D	C	D	D	D	A
Carbon Tetrfluoride	D	D		C	D	D	D	
Castor Oil	B	B	B	A	A	A	B	A
Caustic Potash (Potassium Hydroxide)	A	B	A	B	B	B	A	C
Caustic Soda (Sodium Hydroxide)	A	B	A	B	B	B	A	C
Cellosolve	D	D	B	C	A	B	B	C
Cellulose Acetate	C	D	B	D	C	C	B	D
Cellulube	C	D	B	D	D	D	A	A
China Wood Oil (Tung Oil)	D	D	C	A	B	B	D	A
Chlorine Dioxide	D	D	D	D	D	C	D	A
Chlorine Gas	D	D	D	D	D	C	D	B
Chlorine Water Solns.	C	D	D	D	D	B	C	A
Chloroacetic Acid	B	D		D	C	D	C	C
Chloroacetone	C	D	B	D	B	B	C	D
Chlorobenzene	D	D	D	D	D	D	D	A
Chlorobutane	D	D	C	D	D	D	D	A
Chlorobutadiene	D	D	D	D	D	D	D	A
Chlorotorm	D	D	D	D	D	D	D	A
Chlorinated Hydrocarbons	D	D		D	D	D	D	
Chloropentane	D	D	C	D	D	D		A
Chlorophenol	D	D	D	D	D	D		B
Chloropropanone	D	D		D	D	D		D
Chlorosulfonic Acid	D	D	D	D	D	D	D	D
Chlorothene (Trichloroethane)	D	D	D	D	D	D		A
Chlorotoluene	D	D	D	D	D	D	D	A
Chromic Acid	D	D	D	D	D	B	C	C
Citric Acid	A	A	A	A	A	A	A	A
Coal Oil	D	D	D	A	B	D		A
Coal Tar	D	D	D	A	B	B		A
Coal Tar Naptha	D	D	D	C	D	D	D	A
Cobalt Chloride	A	A	A	A	A	A	A	A
Coconut Oil	D	D	B	A	B	B	B	A
Cod Liver Oil	D	D	A	A	B	B	A	A
Coke Oven Gas	D	J	C	C	C	A	D	A
Copper Arsenate	A	A	A	A	A	A	A	A
Copper Chloride	A	A	A	A	A	A	A	A
Copper Cyanide	A	A	A	A	A	A	A	A
Copper Nitrate	A	A	A	A	A	A	A	A
Copper Nitrite	A	A	A	A	A	A	A	A
Copper Sulfate	A	A	A	A	A	A	A	A
Copper Sulfide	A	A	A	A	A	A	A	A
Corn Oil	D	D	B	A	B	B	B	A
Cottonseed Oil	D	D	A	A	B	B	B	A
Creosote (Wood)	D	D	D	B	C	C	D	A
Creosote /Coal Tar)	D	D	D	B	C	C	D	A
Cresols	D	D	D	D	D	D	D	A
Cresylic Acid	D	D	D	D	D	D	D	A
Crotonaldehyde	D	D	A	D	D	D	C	D
Crude Oil	D	D	D	A	B	D	D	A
Cumene	D	D	D	D	D	D	D	A
Cupric Carbonate	C	C	A	B	C	B	A	A

# AAG CATALOGUE

## chemical resistance table



Componente	Natural Rubber	SBR	Butyl	Nitrile	Neoprene®	Hypalon®	EPDM	Viton®
Cupric Chloride	C	C	A	A	C	A	A	A
Cupric Nitrate	C	C	A	A	C	A	A	A
Cupric Nitrite	C	C	A	A	C	A	A	A
Cupric Sulfate	C	B	A	A	B	B	A	A
Cyclohexane	D	D	D	B	D	D	D	A
Cyclohexanone	D	D	B	D	D	D	D	B
Cyclohexanol	D	D	D	B	B	D	D	B
Cyclopentane	D	D	D	C	D	D	D	A
P-Cymene	D	D	D	C	D	D	D	A
DDT in Kerosene	D	D	D	A	C	C	D	A
Decaline	D	D	D	D	D	D	D	A
Decane	D	D	D	B	D	D	D	A
Detergent Solutions	B	B	A	A	A	A	A	A
Developing Fluids	A	B	B	A	A	A	B	A
Diacetone Alcohol	B	C	A	D	B	A	C	D
Diamylamine	B	C	A	B	A	C		
Dibenzyl Ether	D	D	B	D	D	D	D	C
Dibenzyl Sebacate			B		D		B	A
Dibromobenzene	D	D	D	D	D	D	D	A
Dibutylamine	B	C	C	B	D	D	D	D
Dibutylether	D	D	D	D	D	D	D	C
Di butylphthalate	C	D	B	D	D	D	A	B
Dibutyl Sebacate	D	D	B	D	D	D	B	B
Dicalcium Phosphate	A	A	A	A	A	A	A	A
Dichloroacetic Acid	B	D	C	D	D	D	D	D
P-Dichlorobenzene	D	D	D	D	D	D	D	A
Dichlorobutane	D	D	D	D	D	D	D	A
Dichloroisopropyl Ether	D	D	C	D	D	D	C	C
Dicyclohexylamine	D	D	D	C	D	D	D	C
Dichlorodifluoromethane (Freon 12)	D	D	D	B	D	D	D	B
Dichloroethane	D	D	D	D	D	D	D	A
Dichloroethylene	D	D	D	D	D	D	D	A
Dichloroethyl Ether	D	D	D	D	D	D	D	
Dichlorohexane	D	D	D	D	D	D	D	A
Dichloromethane	D	D	D	D	D	D	D	A
Dichloropentane	D	D	D	D	D	D	D	A
Dichloropropane	D	D	D	D	D	D	D	A
Dichlorotetrafluoroethane (Freon 114)	A	A	A	A	A	A	A	B
Dieldrin In Xylene	D	D	D	D	D	D	D	
Dieldrin In Xylene And Water Spray	D	D	D	B	B	D	D	
Diesel Oil	D	D	D	A	C	C	D	A
Diethanolamine	B	C	A	B	B	C		
Diethylamine	B	B	B	B	B	C	B	D
Diethyl Benzene	D	D	D	D	D	D	D	A
Diethyl Ether	D	D	D	B	C	D	D	D
Diethylene Dioxide	D	D	C	D	D	D	D	D
Diethylene Glycol	A	A	A	A	A	A	A	A
Diethylenetriamine	B	B	A	B	C	C		
Diethyl Oxalate	A	A	A	D	D	D		
Diethyl Phthalate	D	D	A	D	D	D	D	C
Diethyl Sebacate	D	D	A	D	D	D	D	C
Diethyl Sulfate	D	D	B	D	D	D		D
Diethyl Triamine	B	B	A	B	B	C		
Dihydroxyethyl Amine	B	B	A	B	B	C		
Dihydroxyethyl Ether	A	A	A	A	B	A		A
Diisobutylene	D	D	D	A	B	D		A
Diisobutyl Ketone	D	D	B	D	D	D		D
Diisodecyl Adipate	D	D	A	D	D	D		C
Diisodecyl Phthalate	D	D	A	D	D	D	A	C
Diisooctyl Adipate	D	D	A	D	D	D		C
Diisooctyl Phthalate	D	D	A	D	D	D		C
Diisopropanol Amine	B	B	A	B	B	C		
Diisopropyl Benzene	D	D	D	D	D	D	D	A
Diisopropyl Ether	D	D	D	B	C	D		
Diisopropyl Ketone	D	D	A	D	D	D		D
Dilauryl Ether	D	D		D	D	D		
Dimethylamine	B	C	A	B	B	C		
Dimethyl Benzene	D	D	D	D	D	D		A
Dimethylaniline	D	D	D	D	D	D	B	D

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## chemical resistance table



Componente	Natural Rubber	SBR	Butyl	Nitrile	Neoprene®	Hypalon®	EPDM	Viton®
Dimethylformamide (DMF)	-	-	-	B	C	C	-	D
Dimethyl Ketone (Acetone)	D	D	A	D	D	D	-	D
Dimethyl Phthalate	D	D	A	D	D	D	-	C
Dimethyl Sulfate	D	D	B	D	D	D	-	D
Dimethyl Sulfide	D	D	C	D	-	D	-	-
Dinitrobenzene	D	D	C	D	C	D	-	A
Dinitrotoluene	D	D	D	D	D	D	D	C
Diocetyl Adipate (DOA)	D	D	A	D	D	D	-	C
Diocetylamine	B	B	A	B	B	C	-	-
Diocetyl Phthalate (DOP)	D	D	C	D	D	D	B	A
Diocetyl Sebacate (DOS)	D	D	B	D	D	D	B	B
Dioxane	D	D	B	D	D	D	B	D
Dioxolane	D	D	C	D	D	D	B	C
Dipentene (Limonene)	D	D	D	C	D	-	D	A
Diphenyl (Biphenyl)	D	D	D	D	D	D	D	A
Diphenyl Oxide (Phenyl Ether)	D	D	D	D	D	D	D	A
Dipropylamine	B	B	A	B	-	C	-	-
Dipropylene Glycol	A	A	A	A	A	A	A	A
Dipropyl Keiene	D	D	B	D	D	D	-	D
Disodium Phosphate	A	A	A	A	A	A	A	-
Divinyl Benzene	D	D	D	D	D	D	D	A
D.M.P. (Dimethyl Phenols)	D	D	D	D	D	D	D	D
Dodecyl Benzene	D	D	D	D	D	D	D	A
Dodecyl Toluene	D	D	D	D	D	D	D	A
Dowfume W 40 100%	D	D	D	D	C	C	C	C
Dow-Per (Perchloroethylene)	D	D	D	C	D	D	D	A
Dowtherm Oil A and E	D	D	D	D	D	C	D	A
Dowtherm S R.I	A	A	A	A	A	A	A	A
Dry Cleaning Fluids	D	D	D	C	D	D	D	A
Epichlorohydrin	D	D	B	D	D	-	B	D
Ethanol (Ethyl Alcohol)	A	A	A	A	A	A	A	A
Ethanolamine	B	B	B	B	B	B	B	D
Ethers	D	D	C	D	D	C	D	-
Ethyl Acetate	D	D	B	D	D	C	B	D
Ethyl Acetoacetate	C	C	B	D	C	D	B	D
Ethyl Acrylate	D	D	C	D	D	D	D	D
Ethyl Benzene	D	D	D	D	D	D	D	A
Ethyl Benzoate	-	-	B	B	D	-	B	A
Ethyl Butyl Alcohol	A	A	A	A	A	A	A	B
Ethyl Butyl Amine	B	B	A	B	C	C	-	-
Ethyl Butyl Ketone	D	D	B	D	D	D	-	D
Ethyl Cellulose	B	B	B	B	B	B	B	D
Ethyl Chloride	C	C	B	D	D	D	D	A
Ethyl Dichloride	D	D	D	D	D	D	D	B
Ethylene	-	-	-	A	-	-	-	-
Ethylene Bromide	D	D	D	D	D	D	D	A
Ethylene Chloride	D	D	D	D	D	D	D	A
Ethylene Diamine	B	C	A	B	A	C	A	D
Ethylene Dibromide	D	D	D	D	D	D	D	B
Ethylene Dichloride	D	D	D	D	D	D	D	B
Ethylene Glycol	A	A	A	A	A	A	A	A
Ethylene Oxide	-	-	C	D	D	D	C	D
Ethylene Trichloride (Trichloroethylene)	D	D	D	D	D	D	D	A
Ethyl Ether	D	D	D	C	D	D	D	D
Ethyl Formate	D	D	B	D	D	D	-	D
Ethyl Hexanol	A	A	A	A	A	A	A	B
Ethyl Methyl Ketone	C	D	B	D	D	D	B	D
Ethyl Oxalate	A	A	A	D	D	D	-	C
Ethyl Phthalate	D	D	A	D	D	D	B	C
Ethyl Propyl Ether	D	D	D	D	D	D	-	-
Ethyl Propyl Ketone	D	D	B	D	D	D	B	D
Ethyl Silicate	C	C	A	A	A	-	-	A
Ethyl Sulfate	D	D	B	D	D	D	-	D
EX. TRI (Trichloroethylene)	D	D	D	D	D	D	D	A
Fatty Acids	D	D	D	B	B	B	C	A
Ferric Bromide	A	A	A	A	A	A	A	A
Ferric Chloride	A	A	A	A	A	A	A	A
Ferric Nitrate	A	A	A	A	A	A	A	A
Ferric Sulfate	A	A	A	A	A	A	A	A
Ferrous Acetate	D	D	A	D	B	D	B	D
Ferrous Ammonium Sulfate	-	-	-	-	A	-	-	A

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## chemical resistance table



Componente	Natural Rubber	SBR	Butyl	Nitrile	Neoprene®	Hypalon®	EPDM	Viton®
Ferrous Chloride	A	A	A	A	A	A	A	A
Ferrous Hydroxide	C	C	A	B	B	B	A	C
Ferrous Sulfate	A	A	A	A	A	A	A	A
Fish Oil				A	B			A
Fluoroboric Acid	A	C	A	A	A	A	A	C
Fluorine	D	D	D	D	D	D	D	D
Fluosilicic Acid	A	B	A	A	A	A	C	A
Formaldehyde (Formalin)	B	B	A	B	B	B	B	A
Formamide	A	A	A	A	A	A	A	D
Formic Acid	B	B	A	C	C	C	C	D
Freon 11	D	D	D	A	B	A	D	A
Freon 12	D	D	D	B	B	D	B	B
Freon 13	A	A	A	A	A	A	A	A
Freon 21	D	D	D	D	D	D	D	D
Freon 22	D	D	C	D	A	D	A	D
Freon 31	B	B	A	D	B	B	A	D
Freon 32	A	A	A	A	A	A	A	C
Freon 112	D	D	D	B	B	B	D	A
Freon 113	C	B	D	A	A	A	D	B
Freon 114	A	A	A	A	A	A	A	B
Freon 115	A	A	A	A	A	A	A	B
Freon 142b	A	A	A	A	A	A	A	D
Freon 152a	A	A	A	A	A	C	A	D
Freon 218	A	A	A	A	A	A	A	A
Freon C316	A	A	A	A	A	A	A	A
Freon C318	A	A	A	A	A	A	A	A
Freon 13B1	A	A	A	A	A	A	A	A
Freon 114B2	D	C	D	B	A	A	D	B
Freon 502	A	A		B	A			B
Freon TF	C	B	D	A	A	A	D	A
Freon T-WD602	C	B	A	B	B	B	B	A
Freon TMC	B	C	B	B	B	B	B	A
Freon T-P35	A	A	A	A	A	A	A	A
Freon TA	A	A	A	A	A	A	A	C
Freon TC	D	B	A	A	A	A	B	A
Freon MF	D	B	D	A	C	D		
Freon BF	D	D	D	B	B	B		
Fuel Oil	D	D	D	A	C	B	D	A
Fuel, ASTM A	D	D	D	A	A	C	D	A
Fuel, ASTM B	D	D	D	A	D	C	D	A
Fuel, ASTM C	D	D	D	D	D	D	D	A
Fumaric Acid	A	A	D	A	B	B		A
Furan	D	D	C	D	D	D	C	
Furfural	D	D	B	D	C	B	B	D
Furfuryl Alcohol	D	D	C	D	C	C	C	D
Gallic Acid	A	A	B	B	B	B	B	B
Gasoline, Reg.	D	D	D	A	C	B	D	A
Gasoline, Hi-Test	D	D	D	A	C	D	D	A
Gasoline, Lead Free	D	D	D	B	C	D	D	A
Gelatin	A	A	A	A	A	A	A	A
Gluconic Acid	D	D	C	C	C	B		
Glucose	A	A	A	A	A	A	A	A
Glue	A	A	A	A	A	A	A	A
Glycerine (Glycerol)	A	A	A	A	A	A	A	A
Glycols	A	A	A	A	A	A	A	A
Grease	D	D	D	A	B	C	D	A
Green Sulfate Liquor	A	A	A	A	B	A	A	B
Halowax Oil	D	D	D	D	D	D	D	A
Heptachlor in Petroleum Solvents				C	C		D	
Heptachlor in Petroleum Solvents, Water Spray				B	C		D	
Heptanal (Heptaidehyde)	D	D	D	D	D	D		D
Heptane	D	D	D	A	A	B	D	A
Heptane Carboxylic Acid	D	D	C	C	B	B		
Hexaldehyde	D	D	B	D	B	D	B	D
Hexane	D	D	D	A	A	B	D	A
Hexene	D	D	D	B	B	B	D	A
Hexanol (Hexyl Alcohol)	A	A	C	A	B	B	C	A
Hexylamine	C	C	B	C	B	C		D
Hexylene	D	D	D	A	B	D		A
Hexylene Glycol	A	A	A	A	A	A	A	A

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## chemical resistance table



Componente	Natural Rubber	SBR	Butyl	Nitrile	Neoprene®	Hypalon®	EPDM	Viton®
Hexyl Methyl Ketone	D	D	B	D	D	D		D
Hi-Tri (Trichloroethylene)	D	D	D	D	D	D	D	A
Hydraulic Fluid (Petroleum)	D	D	D	A	B	B	D	A
Hydraulic Fluid (Phosphate Ester Base)	D	D		D	D		A	
Hydraulic Fluid (Poly Alkylene Glycol Base)				A	A		A	
Hydrobromic Acid	A	D	A	D	C	A	A	A
Hydrochloric Acid, 37%	A	B	A	C	A	A	B	A
Hydrochloric Acid, 50%	A	C	B	D	A	A	C	A
Hydrochloric Acid, 100%	B		C		D	B	C	C
Hydrocyanic Acid	B	B	A	B	C	A	B	B
Hydrofluoric Acid	C	D	B	D	B	A	B	B
Hydrofluosulfic Acid	A	B	A	B	B	A	A	B
Hydrogen Gas	B	B	A	A	B	A	B	A
Hydrogen Peroxide, 3%	A	B		B	C	A		
Hydrogen Peroxide, 10%	D	D	C	D	C	C		A
Hydrogen Peroxide, 30%	D	D	D	D	D	D		
Hydrogen Peroxide, 90%	D	D	D	D	D	D	C	B
Hydrogen Sulfide	D	D	A	D	A	B	B	A
Hydroquinone	B	B		C				D
Hypochlorous Acid	B	B	B	D	D		B	A
Ink Oil (Linseed Oil Base)	D	D		B	B	B	B	
Insulating Oil	D	D		A	B	D	D	
Iodine	D	D		D	D	C	D	C
Iron Acetate	D	D	A	D	D	C		D
Iron Hydroxide	C	C	A	B	A	B	D	C
Iron Salts	A	A	A	A	A	A	D	A
Iron Sulfate	A	A	A	A	A	A	D	A
Iron Sulfide	A	A	A	A	A	A	D	A
Isoamyl Acetate	D	D	A	D	D	D		D
Isoamyl Alcohol	A	A	A	A	A	A	A	A
Isoamyl Bromide	D	D	D	D	D	D		B
Isoamyl Bulryate	D	D	C	D	D	D		D
Isoamyl Chloride	D	D	C	D	D	D		B
Isoamyl Ether	D	D	D	D	D	D		
Isoamyl Phthalate	D	D	A	D	D	D		C
Isobutane	D	D	D	A	A	D		A
Isobulanol (Isobutyl Alcohol)	A	A	A	A	A	A	A	A
Isobutyl Acetate	D	D	A	D	D	D		D
Isobutyl Aldehyde	C	C	B	D	D	D		D
Isobutyl Amine	C	C	B	D	D	C		D
Isobutyl Bromide	D	D	D	D	D	D		B
Isobutyl Carbinol	A	A	A	A	B	A		B
Isobutyl Chloride	D	D	D	D	D	D		B
Isobutylene	D	D	D	C	C	D	D	A
Isobutyl Ether	D	D	D	D	D			
Isocyanates	C			D	D		B	
Isooctane	D	D	D	A	A	B	D	A
Isopentana	D	D	D	A	A	D		A
Isopropyl Amine	B	C	A	B	A	C		
Isopropyl Acetate	D	D	A	D	D	D	A	D
Isopropyl Alcohol (Isopropanol)	A	A	A	A	A	A	B	B
Isopropyl Amine	C	C	B	D	A	C		D
Isopropyl Benzene	D	D	D	D	D	D	D	A
Isopropyl Chloride	D	D	D	D	D	D	D	B
Isopropyl Ether	D	D	D	B	D	B	D	D
Isopropyl Toluene	D	D	D	D	D	D		A
Jet Fuels (JP1-JP6)	D	D	D	A	D	C	D	A
Kerosene	D	D	D	A	B	C	D	A
Ketones	B	B	B	D	D	D	B	
Lactic Acid	B	B	B	B	B	A	B	A
Lacquers	D	D	D	D	D	D	D	D
Lacquer Solvents	D	D	D	D	D	D	D	D
Lard	D	D	D	A	B	D	C	A
Lauryl Alcohol	A	A	A	A	A	A		B
Lead Acetate	D	D	A	B	B	B	B	C
Lead Nitrate	A	A	A	A	A	A	A	A
Lead Sulfamate	B	B	A	B	A	B	A	A
Lead Sulfate	A	A	A	A	A	A	A	A
Ligroin	D	D	D	A	A	D	D	A

# AAG CATALOGUE

## chemical resistance table



Componente	Natural Rubber	SBR	Butyl	Nitrile	Neoprene®	Hypalon®	EPDM	Viton®
Lime Water	D	D	A	C	A	B	A	A
Linseed Oil	D	D	A	A	B	B	B	A
Lindol (Tricresyl Phosphate)	D	D	A	D	A	A	A	A
Liquid Soap	A	A	A	A	A	A	A	A
Liquified Petroleum Gas	D	D	D	A	B	B	D	A
Lubricating Oils	D	D	D	A	B	C	D	A
Lye (Sodium Hydroxide)	B	B	A	B	B	A	A	B
Magnesium Acetate	D	D	A	D	D	C	B	D
Magnesium Carbonate	A	A	A	A	A	A	C	A
Magnesium Chloride	A	A	A	A	A	A	B	A
Magnesium Hydrate	A	A	A	B	A	B		B
Magnesium Hydroxide	A	B	A	B	B	B	B	A
Magnesium Nitrate	A	A		A	A	A		A
Magnesium Sulfate	A	A	A	A	A	A	A	A
Malathion 50 in Armomatic Solvents	D	D		C	D	D	D	A
Malathion 50 In Aromatic Solvents. Water Spray	D	D		A	B	D	D	A
Maleic Acid	D	D	C	D	D	D	C	A
Maleic Anhydride	B	B	C				C	A
Malic Acid	A	B	D	A	B	B	D	A
Manganese Sulfate	A	A	A	A	A	A		A
Manganese Sulfide	C	A	A	A	A	A		A
Manganese Sulfite	C	A	A	A	A	A		A
Mercuric Chloride	B	B	B	C	C	B	C	A
Mercury	A	A	A	A	A	A	B	A
Methane	D	D	D	A	B	B	D	A
Methyl Acetate	D	D	B	D	B	B	C	D
Methyl Acrylate	D	D	B	D	B		B	D
Methacrylic Acid	D	D	B		B		B	B
Methyl Alcohol (Methanol)	A	A	A	A	A	A	A	C
Methyl Benzene (Toluene)	D	D	D	D	D	D	D	A
Methyl Bromide	D	D		B	D	D		A
Methyl Butyl Ketone	D	D	B	D	D	D	B	D
Methyl Cellosolve	D	D	B	C	B	B	C	D
Methyl Chloride	D	D	C	D	D	D	C	C
Methyl Cyclohexane	D	D	D	D		D	D	B
Methylene Bromide	D	D	D	D	D	D	D	B
Methylene Chloride	D	D	D	D	D	D	D	B
Methyl Ethyl Ketone (MEK)	D	D	B	D	D	D	B	D
Methyl Formate	C	C	B	D	B	B	B	C
Methyl Hexanol	A	A	A	A	A	A		B
Methyl Hexyl Ketone	D	D	B	D	D	D	B	D
Methyl Isobutyl Carbinol	B	B	A	B	A	B		B
Methyl Isobutyl Ketone (MIBK)	D	D	B	D	D	D	B	D
Methyl Isopropyl Ketone	D	D	B	D	D	D	B	D
Methyl Propyl Ether	D	D	D	D	D			
Methyl Propyl Ketone	D	D	B	D	D	D		D
Methyl Methacrylate	D	D	D	D	D	B	D	D
Methyl Salicylate	D	D	B	D	D		B	C
Mineral Oil	D	D	D	A	C	B	D	A
Mineral Spirits	D	D	D	B	D	D		A
Monochlorobenzene	D	D	D	D	D	D	D	A
Monochlorodifluoromethane (Freon 22)	D	D	C	D	A	D		D
Monoethanolamine	B	B	C	D	C	B		D
Monomethylether	B	B	A	A	A		A	
Monovinyl Acetate	B	B	A	A	B	B	A	A
Motor Oil	D	D		A	B	D	D	A
Muriatic Acid	A	C	B	D	A	A	C	A
Naptha	D	D	D	C	D	D	D	A
Napthalene	D	D	D	D	D	D	D	A
Napthenic Acid	D	D	D	C			D	A
Nautral Gas	D	D	D	A	B	B	C	A
Neatsfoot Oil	D	D	B	A	D		B	A
Neu-Tri (Trichloroethylene)	D	D	D	D	D	D		A
Nickel Acetate	A	A	A	B	B			A
Nickel Chloride	A	A	A	A	A	A	A	A
Nickel Nitrate	A	A	A	A	A	A	A	A
Nickel Plating Solution	A	D		B	C	B		
Nickel Sulfate	A	A	A	A	A	A	A	A
Niter Cake	A	A	A	A	A	A	A	A

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## chemical resistance table



Componente	Natural Rubber	SBR	Butyl	Nitrile	Neoprene®	Hypalon®	EPDM	Viton®
Niter Cake	A	A	A	A	A	A	A	A
Nitric Acid, 10%	D	D	B	D	B	B	C	D
Nitric Acid 20%	D	D	B	D	D	D		
Nitric Acid 30%	D	D	B	D	D	D		
Nitric Acid, 30-70%	D	D	C	D	D	D	D	C
Nitric Acid Red Fuming	D	D	D	D	D	D	D	D
Nitrobenzene	D	D	D	D	D	D	D	B
Nitrogen Gas	A	A	A	A	A	A	A	A
Nitrogen Tetraoxide	D	D	C	D	D	D	C	D
Nitromethane	B	B	B	D	C	C	B	D
Nitropropane	C	C	A	D	C			D
Nitrous Oxide	A	A	A	A	A	A	A	A
Octadecanoic Acid	D	D	B	A		D		
Octane	D	D	D	A	B	D	D	A
Octanol (Octyl Alcohol)	B	B	B	B	A	B	B	A
Octyl Acetate	D	D	A	D	D	D	B	D
Octyl Amine	C	C	B	C		C	B	D
Octyl Carbinol	A	A	A	A		A	A	B
Octylene Glycol	A	A	A	A	A	A	A	A
Oil, Petroleum	D	D	D	A	B	C	D	A
Oil, Astm #1	D	D	D	A	A	B	D	A
Oil Astm #2	D	D	D	A	B	B	D	A
Oil Astm #3	D	D	D	A	C	B	D	A
Oleic Acid	D	D	B	B	C	C	B	C
Oleum (Fuming Sulfuric Acid)	D	D	D	D	D	D	D	D
Olive Oil	D	D	B	A	B	B	B	A
Orthodic chlorobenzene	D	D	D	D	D	D	D	A
Oxalic Acid	C	C	A	B	B	B	A	C
Oxygen, Cold	B	B	A	B	B	B	A	A
Oxygen, Hot	D	D	D	D	D	D	D	B
Ozone	D	D	B	D	B	A	A	A
Paint Thinner (Duco)	D	D	D				D	B
Palmitic Acid	D	D	B	A	B	B	B	A
Palm Oil	D	D	A	A	B	B	B	A
Papermaker's Alum	A	A	A	A	A	A	A	A
Paradichlorobenzene	D	D	D	D	D	D		A
Paraffin	D	D	D	A	B	D	D	A
Paraformaldehyde	D	D	B	B	B	B		C
Peanut Oil	D	D	C	A	B	B	D	A
Pentane	D	D	D	A	B	B	D	A
Perchloroethylene	D	D	D	D	D	D	D	A
Perchloric Acid			B		A	A	B	A
Petrolatum	D	D		A	A			
Petroleum, Crude	D	D	D	A	B	D	D	A
Petroleum Ether (Naptha)	D	D	D	A	D	D	D	A
Petroleum Oils	D	D	D	A	B	B	D	A
Phenol	C	C	B	D	C	C	C	A
Phenolsulfonic Acid	D	D	C	D		D		D
Phenyl Chloride	D	D	D	D	D	D		A
Phenylhydrazine	A	B	B	D	D	C	C	A
Phorone	D	D	A	D	D		C	C
Phosphate Esters	D	D	A	D	D		C	C
Phosphoric Acid, 10%	A	A	A	A	C	A		C
Phosphoric Acid, 10-85%	C	C	C	C	C	A	A	A
Phosphorous Trichloride	D	D	D	D	D	D	A	A
Pickling Solution	A		C	C	C	C	C	B
Picric Acid, Molten	B	C	C	C	C	B	C	C
Picric Acid, Water Soln.	A	C	A	B	B	A	C	C
Pinene	D	D	D	B	D	D	D	A
Pine Oil	D	D	D	D	D	D	D	B
Piperidine	D	D	D	D	D	D	D	D
Pitch	D	D		B	B		D	
Plating Solutions, Chrome	D	D	A			C	A	A
Plating Solutions Others	A	A	A	A	A		A	B
Polyvinyl Acetate Emulsion (PVA)			A		B	B	A	
Polyethylene Glycol	A	A	A	A	A	A	A	A
Polypropylene Glycol	A	A	A	A	A	A	A	A
Potassium Acetate	D	D	A	D	B	B	B	D
Potassium Bicarbonate	A	A	A	A	A	A	A	A
Potassium Bisulfate	A	A	A	A	A	A	A	A
Potassium Bisulfite	A	A	A	A	A	A	A	A



# AAG CATALOGUE

## chemical resistance table



Componente	Natural Rubber	SBR	Butyl	Nitrile	Neoprene®	Hypalon®	EPDM	Viton®
Potassium Carbonate	A	A	A	A	A	A	A	A
Potassium Chloride	A	A	A	A	A	A	A	A
Potassium Chromate			A		C	C		
Potassium Cyanide	A	A	A	A	A	A	A	A
Potassium Dichromate	D	B	A	A	B	B	B	A
Potassium Hydrate	A	B	A	B	C	B	A	C
Potassium Hydroxide	B	B	A	B	B	A	A	C
Potassium Nitrate	A	A	A	A	A	A	A	A
Potassium Permanganate	A	A	A	C	C	A		A
Potassium Silicate	A	A	A	A	A	A	A	A
Potassium Sulfate	A	A	A	A	A	A	A	A
Potassium Sulfide	A	A	A	A	A	A	A	A
Potassium Sulfite	A	A	A	A	A	A	A	A
Producer Gas	D	D	D	A	B	B	D	A
Propane Gas	D	D	D	A	B	A	D	A
Propanediol	A	A	A	A	B	A		A
Propyl Acetate	D	D	B	D	D	D	B	D
Propyl Alcohol (Propanol)	A	A	A	A	A	A	A	A
Propyl Aldehyde	D	D	B	D	D	D	B	D
Propyl Chloride	D	D	C	D	D	D		B
Propylene Diamine	B	B	A	B	B	C		
Propylene Dichloride	D	D	D	D	D	D	D	B
Propylene Glycol	A	A	A	A	A	A	A	A
Pydraul Hydraulic Fluids	D	D	B	D	D	D	B	A
Pyranol	D	D	D	A	D	D	D	A
Pyridine	D	D	B	D	D	D	B	D
Pyroligneous Acid			B		B	B		
Pyrrole	C	B	B	D	D		D	D
Rape Seed Oil	D	D	A	B	C	B	B	A
Red Oil (Crude Oleic Acid)	D	D	D	B	B	B	D	A
Richfield A Weed Killer, 100%	D	D	D	D	D	D	D	C
Richfield B Weed Killer, 33%	D	D	B	B	C		D	C
Rosin Oil					A			A
Rotenone And Water	A	A	A	A	A	A	A	A
Rum	A	A	A	A	A	A	A	A
Sal Ammoniac (Ammonium Chloride)	A	A	A	A	A	A	A	A
Salicylic Acid	A	B	A	A	B		A	A
Salt Water (Sea Water)	A	A	A	A	A	A	A	A
Sewage	C	C	C	A	B	A	B	A
Silicate of Soda (Sodium Silicate)	A	A	A	A	A	A	A	A
Silicate Esters	D	D	D	B	A	A	D	A
Silicone Greases	A	A	A	A	A	A	A	A
Silicone Oils	A	A	A	A	A	A	A	A
Silver Nitrate	A	A	A	A	A	A	A	A
Skelly Solvent	D	D	D	A	B	C	D	C
Skydrol Hydraulic Fluids	D	D	A	D	D	D	A	B
Soap Solutions	A	A	A	A	A	A	A	A
Soda Ash (Sodium Carbonate)	A	A	A	A	A	A	A	A
Soda. Caustic (Sodium Hydroxide)	A	B	A	B	C	B		C
Soda Lime	A	B	A	B		B	A	C
Soda Niter (Sodium Nitrate)	A	A	A	A	A	A	A	A
Sodium Acetate	C	C	A	C	B	B	B	D
Sodium Aluminate	A	A	A	A	A	A	A	A
Soclum Bicarbonate	A	A	A	A	A	A	A	A
Sodium Bisulfate	A	A	A	A	A	A	A	A
Sodium Bisulfite	A	A	A	A	A	A	A	A
Sodium Borate	A	A	A	A	A	A	A	A
Sodium Carbonate	A	A	A	A	A	A	A	A
Sodium Chloride	A	A	A	A	A	A	A	A
Sodium Chromate			A		C	C	B	
Sodium Cyanide	A	A	A	A	A	A	A	A
Sodium Dichromate	D	D	A	D	C	C	B	
Sodium Fluoride	A	A	A	A	A	A	A	A
Sodium Hydroxide	B	B	A	B	B	B	B	C
Sodium Hypochlorite	C	C	B	D	D	C	B	A
Sodium Metaphosphate	A	A	A	A	B	B	A	A
Sodium Nitrate	A	B	A	B	B	B	A	A
Sodium Nitrite	A	A	A	A	A	A	A	A
Sodium Perborate	C	C	A	C	C	B	B	A

Componente	Natural Rubber	SBR	Butyl	Nitrile	Neoprene®	Hypalon®	EPDM	Viton®
Sodium Peroxide	B	B	A	B	B	B	A	A
Sodium Phosphate	A	A	A	A	A	A	A	A
Sodium Silicate	A	A	A	A	A	A	A	A
Sodium Sulfate	A	A	A	A	A	A	A	A
Sodium Sulfide	A	A	A	A	A	A	A	A
Sodium Sulfite	A	A	A	A	A	A	A	A
Sodium Thiosulfate	A	A	A	A	A	A	A	A
Soybean Oil	D	D	B	A	B	B	C	A
Stannic Chloride	A	A	B	A	A	A	B	A
Stannic Sulfide	A	A	A	A	A	A	A	A
Stannous Chloride	A	A	A	A	A	A	C	A
Stannous Sulfide	A	A	A	A	A	A	A	A
Steam under 300°F	D	D	A	D	D	D	A	D
Steam over 300°	D	D	C	D	D	D	B	D
Stearic Acid	D	D	B	B	B	B	C	A
Stoddards Solvent	D	D	D	A	C	D	D	A
Styrene	D	D	D	D	D	D	D	B
Sugar Solutions (Sucrose)	A	A	A	A	A	A	A	A
Sulfamic Acid	B	B	A	B	C	B	B	A
Sulfite Liquors	B	B	B	B	B	B	B	A
Sulfonic Acid	D	D	D	D	C	C		D
Sulfur (Molten)	D	D	B	C	C	C	C	A
Sulfur Chloride	D	D	D	C	C	B	D	A
Sulfur Dioxide	C	C	B	D	B	B	C	A
Sulfur Hexafluoride		A	A	A	A	A	A	A
Sulfur Trioxide	D	D	B	D	D	D	C	A
Sulfuric Acid 25%	B	C	B	D	B	A	B	A
Sulfuric Acid 25-50%	B	D	A	D	D	A		
Sulfuric Acid, 50-96%	D	D	C	D	D	B	B	A
Sulfuric Acid, Fuming	D	D	D	D	D	D	D	D
Sulfurous Acid	B	B	B	B	B	A	B	A
Tall Oil	C	C	D	B	B	B		A
Tallow	D	D	D	A	A	D	D	
Tannic Acid	A	C	B	B	B	A	A	A
Tar	D	D	D	B	C	C	D	A
Tartaric Acid	A	A	A	A	A	A	A	A
Terpinol	D	D	C	B	D	D	C	A
Tertiary Butyl Alcohol	A	A	A	A	A	A	A	A
Tetrachlorobenzene	D	D	D	D	D	D	D	B
Tetrachloroethane	D	D	D	D	D	D	D	A
Tetrachloroethylene'	D	D	D	D	D	D	D	A
Tetraethylene Glycol	A	A	A	A	A	A	A	A
Tetrachloromethane	D	D	D	C	D	D	D	A
Tetrachloronaphthalene	D	D	D	D	D	D	D	B
Tetraethyl Lead	D	D	D	B	C	D	D	A
Tetrahydrofuran (THF)	D	D	D	D	D	D	D	D
Thionyl Chloride	D	D	D	D	D	D	D	B
Tin Chloride	A	A	A	A	A	A	A	
Tin Tetrachloride	A	A	A	A	A	A		
Titanium Tetrachloride	D	D	D	B	C	C	C	A
Toluene (Toluol)	D	D	D	D	D	D	D	A
Toluene Dilsocyanate (TDI)	C	C	A		D	D	A	
Toxaphene	D	D		B	B		D	
Transformer Oils (Petroleum Base)	D	D	D	A	B	B	D	A
Transformer Oils (Chlorinated Phenyl Base Askeres)	D	D	D	D	D	D	D	
Transmission Fluids, A	D	D	D	B	C	D	D	A
Transmission Fluids, B	D	D		C	D	D	D	
Triacetin	A	A	A	A	B	B	A	D
Tributyl Amine	B	B	A	B		C		
Tributyl Phosphate	D	D	B	D	D	D	B	D
Trichlorobenzene	D	D	D	D	D	D	D	B
Trichloroethane	D	D	D	D	D	D	D	A
Trichloroethylene	D	D	D	D	D	D	D	A
Trichloropropane	D	D	D	D	D	D	B	A
Tricresyl Phosphate (TCP)	D	D	A	D	D	C	B	B
Triethanolamine (TEA)	B	C	A	B	A	A	B	D
Triethylamine	B	B	B	B	A	C	B	B
Triethylene Glycol	A	A	A	A	A	A	A	A
Trinitrotoluene (TNT)	D	D	D	D	B	B	D	B
Triphenyl Phosphate	D	D	A	D	C	C	B	C

Componente	Natural Rubber	SBR	Butyl	Nitrile	Neoprene®	Hypalon®	EPDM	Viton®
Trisodium Phosphate	A	A	A	A	A	A	A	A
Tung Oil	D	D	C	A	B	B	D	A
Turbine Oil	D	D	D	B	B	B	D	A
Turpentine	D	D	D	B	C	D	D	A
2.4 D With 10% Fuel Oil	D	D		A	B		D	A
Ucon Hydrolube Oils	D	D	A	A	B	D		A
Undecanol	A	A	A	A	A	A	A	B
Unsymmetrical Dimethyl Hydrazine (UDMH)			A	B	B	A	A	D
Uran	B	C	B	C	B	A		
Urea	A	C	A	C	A		A	
Varnish	D	D	D	B	B	C	D	A
Vegetable Oils	D	D	A	A	B	B	A	A
Versilube	A	A	A	A	A	A	A	A
Vinegar	B	C	A	C	A	A	B	B
Vinyl Acetate	D	D	A	D	D	C	C	D
Vinyl Benzene	D	D	D	D	D	D	D	A
Vinyl Chlorid (Monomer)	C	D	D	D	D	D	D	A
Vinyl Ether	D	D	D	D	D	C	C	D
Vinyl Toluene	D	D	D	D	D	D	D	A
Vinyl Trichloride	D	D	D	D	D	D	D	A
V.M.&P. Naptha	D	D	D	A	B	D	D	A
Water, Fresh	A	A	A	A	A	A	A	A
Water, Salt	A	A	A	C	A	A	A	A
Whiskey, Wines	A	A	A	A	A	A	A	A
White Liquor	A	A		A	A	A	C	
White Oil	D	D	D	A	B	D	D	A
Wood Alcohol (Meth)	A	A	A	A	A	A	A	D
Xylene (Xylol)	D	D	D	D	D	D	D	A
Xykidine	D	D	D	D	D	D	D	C
Zeolites	A	A	A	A	A	A	A	A
Zinc Acetate	C	D	A	C	C	C	B	D
Zinc Carbonat	A	A	A	A	A	A	A	A
Zinc Chloride	A	A	A	A	A	A	B	A
Zinc Chromate	A	C	A	A	C	C		
Zinc Sulfate	A	A	A	A	A	A	A	A

## TOLERANCES

MANDREL RUBBER HOSE		
INSIDE DIAMETERS		TOLERANCES
since	3,2 mm	± 0,30 mm
from 4 to	10 mm	± 0,40 mm
from 12 to	20 mm	± 0,60 mm
from 22 to	30 mm	± 0,80 mm
from 32 to	45 mm	± 1,00 mm
from 48 to	63 mm	± 1,20 mm
from 65 to	90 mm	± 1,40 mm
from 100 to	120 mm	± 1,60 mm
from 130 to	150 mm	± 2,00 mm
from 175 to	220 mm	± 2,50 mm
from 250 and	over	± 3,00 mm

LONG LENGTH RUBBER HOSE		
INSIDE DIAMETERS		TOLERANCES
since	3,2 mm	± 0,30 mm
since	6 mm	± 0,60 mm
from 6,1 to	20 mm	± 0,80 mm
from 20,1 to	25 mm	± 1,20 mm
from 25,1 to	40 mm	± 1,60 mm

### LENGTH TOLERANCES

± 1% minimum ± 10 mm

### TOLERANCES THICKNESS

Mandrel: from -3% to +8% minimum ±0,3 mm