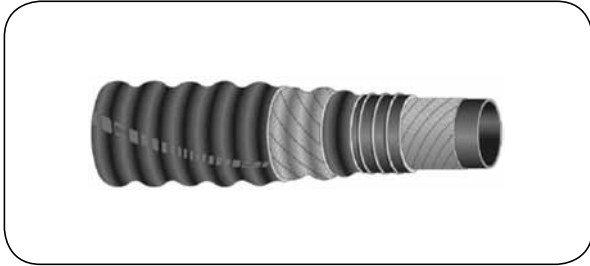


# INDUSTRIAL HOSES - petrochemical

## Reloading hoses for fuel and oil

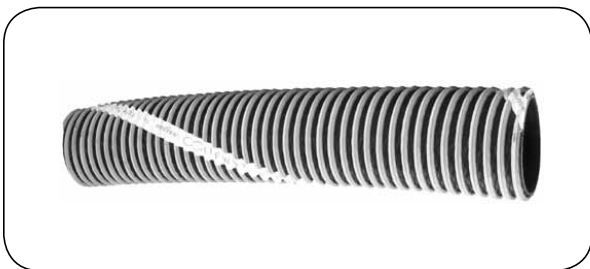


### IVALO®

**Internal layer:** Black NBR rubber  
**Reinforcement:** Synthetic braid, steel wire helix  
**External layer:** Black, corrugated, self-extinguishing CR rubber  
**Working temp.:** From -30°C up to +120°C

Lightweight, flexible suction-delivery hose designed to transfer liquid petrochemical products with aromatic content up to 30% (except ester-based products). External layer complies with ASTM C 542, resistant to abrasion, oil, ozone and weather conditions. Vacuum 0.5 bar.

code	I.D. [mm]	working pressure [bar]	bursting pressure [bar]	bending radius [mm]	weight [kg/m]	standard length [m]
IV-IVALO-016	16	5	15	48	0.35	60
IV-IVALO-019	19	5	15	50	0.40	60
IV-IVALO-022	22	5	15	55	0.45	60
IV-IVALO-025	25	5	15	60	0.50	60
IV-IVALO-032	32	5	15	80	0.60	60
IV-IVALO-035	35	5	15	90	0.67	60
IV-IVALO-038	38	5	15	95	0.70	60
IV-IVALO-045	45	5	15	110	0.80	60
IV-IVALO-051	51	5	15	130	1.00	60
IV-IVALO-063	63	5	15	160	1.30	60
IV-IVALO-076	76	3	9	190	1.70	60
IV-IVALO-090	90	3	9	230	2.00	60
IV-IVALO-102	102	3	9	260	2.40	60



### INFINITY™

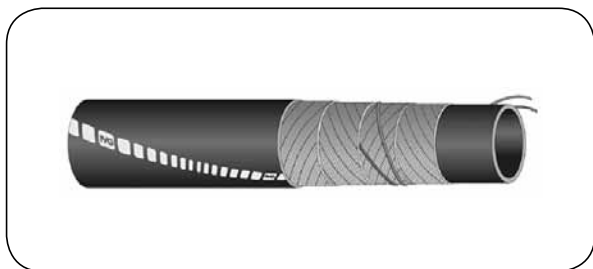
**Internal layer:** Black NBR rubber  
**Reinforcement:** Textile braid  
**External layer:** Black Chemivic™ synthetic rubber + orange-green Pliovic® external helix  
**Working temp.:** From -40°C up to +70°C

Suction-delivery hose designed to transfer liquid petrochemical products with aromatic content up to 60%. Very lightweight, flexible and easy to handle due to the exclusive construction based on the double external helix. The hose features copper wires to ensure electrical conductivity.

code	I.D. [mm]	O.D. [mm]	working pressure [bar]	vacuum [bar]	bending radius [mm]	weight [kg/m]	standard length [m]
GY-INFINITY-050	51	71	10	0.77	38	1.52	30.5
GY-INFINITY-075	76	96	6.9	0.77	50	2.18	30.5
GY-INFINITY-100	102	122	5.2	0.77	65	2.57	30.5

## INDUSTRIAL HOSES - petrochemical

### Reloading hoses for fuel and oil

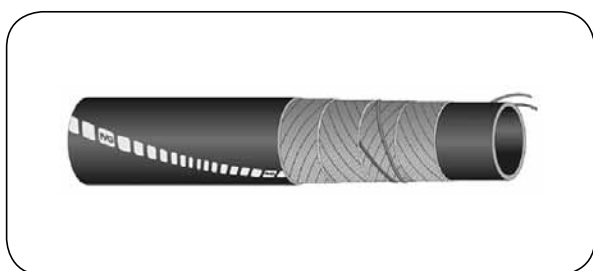


#### AUSTRALIA®

**Internal layer:** Black NBR compound  
**Reinforcement:** Synthetic braid  
**External layer:** Black CR compound  
**Working temp.:** From -20°C up to +70°C

Delivery hose designed to transfer liquid petrochemical products with aromatic content up to 30%. The hose features copper wires to ensure electrical conductivity. External layer resistant to abrasion, oil and weather conditions.

code	I.D. [mm]	O.D. [mm]	working pressure [bar]	bursting pressure [bar]	weight [kg/m]	standard length [m]
IV-AUSTRALIA-010	10	17	10	30	0.20	120
IV-AUSTRALIA-013	13	20	10	30	0.25	120
IV-AUSTRALIA-016	15	23	10	30	0.31	120
IV-AUSTRALIA-019	19	27	10	30	0.39	120
IV-AUSTRALIA-022	22	30	10	30	0.59	120
IV-AUSTRALIA-025	25	35	10	30	0.66	120
IV-AUSTRALIA-028	28	38	10	30	0.72	120
IV-AUSTRALIA-032	32	42	10	30	0.82	120
IV-AUSTRALIA-035	35	45	10	30	0.86	120
IV-AUSTRALIA-038	38	47	10	30	0.88	120
IV-AUSTRALIA-040	40	50	10	30	0.90	120
IV-AUSTRALIA-045	45	55	10	30	1.01	120
IV-AUSTRALIA-051	51	61	10	30	1.12	120
IV-AUSTRALIA-060	60	73	10	30	1.82	120
IV-AUSTRALIA-063	63.5	74	10	30	1.46	120
IV-AUSTRALIA-076	76	89	10	30	2.14	120
IV-AUSTRALIA-090	90	105	10	30	2.87	120
IV-AUSTRALIA-102	102	115.5	10	30	2.97	120



#### AUSTRALIA® EN1360

**Internal layer:** Black NBR compound  
**Reinforcement:** Synthetic braid  
**External layer:** Black CR compound  
**Working temp.:** From -20°C up to +70°C

Delivery hose designed to transfer liquid petrochemical products with aromatic content up to 30%. Internal layer is antistatic -  $R < 1 \text{ M}\Omega/\text{m}$ . External layer is resistant to abrasion, oil and weather conditions. The hose has copper wire to ensure electrical conductivity between hose ends ( $R < 10^2 \text{ }\Omega/\text{lgth.}$ ). Complies with EN1360:05 standard type 1 category M.

code	I.D. [mm]	O.D. [mm]	working pressure [bar]	bursting pressure [bar]	weight [kg/m]	standard length [m]
IV-AUSTRALIA-EN-016	16	28	16	48	0.51	120
IV-AUSTRALIA-EN-019	19	31	16	48	0.58	120
IV-AUSTRALIA-EN-025	25	37	16	48	0.72	120

# INDUSTRIAL HOSES - petrochemical

## Reloading hoses for fuel and oil



### CARACAS®

**Internal layer:** Black NBR rubber  
**Reinforcement:** Synthetic braid, steel wire helix  
**External layer:** Black, corrugated CR rubber  
**Working temp.:** From -20°C to +70°C (CARACAS 30%)  
 From -54°C to +70°C (CARACAS 50%)

Lightweight, flexible suction-delivery hose designed to transfer liquid petrochemical products. The hose features copper wires to ensure electrical conductivity. Excellent for reloading applications. External layer resistant to abrasion, oil, ozone and weather conditions.

code	I.D. [mm]	O.D. [mm]	working pressure [bar]	bursting pressure [bar]	vacuum [bar]	bending radius [mm]	weight [kg/m]	standard length [m]
for products with up to 30% aromatic contents								
IV-CARACAS-032	32	43.5	6	18	0.54	90	0.93	60
IV-CARACAS-038	38	50	6	18	0.54	105	1.19	60
IV-CARACAS-051	51	63	6	18	0.54	135	1.54	60
IV-CARACAS-063	63.5	77	6	18	0.54	180	2.27	60
IV-CARACAS-076	76	90	6	18	0.54	210	2.65	60
IV-CARACAS-102	102	117	6	18	0.54	275	3.68	60
for products with up to 50% aromatic contents								
IV-CARACAS50-051	51	62	6	18	0.54	125	1.39	60
IV-CARACAS50-063	63.5	77	6	18	0.54	165	1.77	60
IV-CARACAS50-076	76	89	4	12	0.54	190	2.20	60
IV-CARACAS50-102	102	117	4	12	0.54	250	2.90	60



### EXTREMEFLEX®

**Internal layer:** Black NBR rubber  
**Reinforcement:** Textile braid, steel wire helix  
**External layer:** Black, corrugated Chemivic™ rubber compound  
**Working temp.:** From -40°C up to +93°C

Extremely flexible, suction-delivery hose developed to transfer liquid petrochemical products with aromatic content up to 60%. A corrugated external layer provides perfect abrasion resistance and ease while dragging the hose. Also available with a red external layer.

code	I.D. [mm]	O.D. [mm]	working pressure [bar]	vacuum [bar]	bending radius [mm]	weight [kg/m]	standard length [m]
GY-EXTREMEFLEX-019	19.1	30.5	17	0.9	19.5	0.65	30.5
GY-EXTREMEFLEX-025	25.4	36.8	17	0.9	25.4	0.81	30.5
GY-EXTREMEFLEX-038	38.1	48.5	17	0.9	38.1	1.08	30.5
GY-EXTREMEFLEX-051	50.8	61.8	17	0.9	50.8	1.43	30.5
GY-EXTREMEFLEX-063	63.5	76.1	13	0.9	63.5	2.10	30.5
GY-EXTREMEFLEX-076	76.2	88.8	13	0.9	76.2	2.51	30.5
GY-EXTREMEFLEX-102	101.6	115.7	10	0.9	101.6	3.61	30.5

## INDUSTRIAL HOSES - petrochemical

### Reloading hoses for fuel and oil



#### RAFFINERIA / CLC

**Internal layer:** Black, antistatic NBR rubber  
**Reinforcement:** Synthetic braid, steel wire helix  
**External layer:** Black, corrugated synthetic rubber  
**Working temp.:** From -30°C up to +80°C (with peaks up to +120°C depending on medium)

Lightweight, flexible, suction-delivery hose developed to transfer liquid petrochemical products with aromatic content up to 50%. Antistatic internal layer  $R < 10^6 \Omega$ . The hose has copper wire to ensure electrical conductivity between hose ends. Excellent solution for loading and unloading systems and other applications that require small bending radius. External layer is resistant to abrasion, mineral oils, ozone, ageing, weather conditions and brief contact with hydrocarbons. Vacuum 0.9 bar.

code	I.D. [mm]	O.D. [mm]	working pressure [bar]	bursting pressure [bar]	bending radius [mm]	weight [kg/m]	standard length [m]
MT-RAFFINERIA-CLC-019	19	30	16	48	60	0.56	40
MT-RAFFINERIA-CLC-025	25	36	16	48	75	0.58	40
MT-RAFFINERIA-CLC-032	32	43	16	48	100	0.90	40
MT-RAFFINERIA-CLC-038	38	51	16	48	120	1.10	40
MT-RAFFINERIA-CLC-040	40	53	16	48	120	1.15	40
MT-RAFFINERIA-CLC-045	45	59	16	48	150	1.48	40
MT-RAFFINERIA-CLC-050	50	64	16	48	180	1.60	40
MT-RAFFINERIA-CLC-063	63.5	77.5	12	36	250	2.05	40
MT-RAFFINERIA-CLC-070	70	85	12	36	280	2.43	40
MT-RAFFINERIA-CLC-076	76	91	10	30	300	2.60	40
MT-RAFFINERIA-CLC-080	80	95	10	30	320	2.73	40
MT-RAFFINERIA-CLC-102	102	122	10	30	400	3.73	40

# INDUSTRIAL HOSES - petrochemical

## Reloading hoses for fuel and oil



### OILSTAR / SD

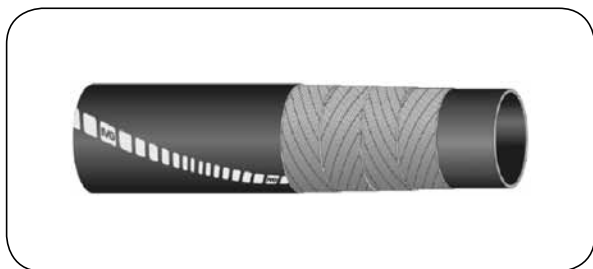
**Internal layer:** Black NBR rubber  
**Reinforcement:** Synthetic braid, steel wire helix  
**External layer:** Black SBR/NBR rubber  
**Working temp.:** From -30°C up to +70°C

Robust suction-delivery hose designed to transfer fuel, liquid petrochemical products with aromatic content up to 50%. The hose features two copper wires to ensure electrical conductivity. Conductive external layer -  $R < 10^6 \Omega/m$ , resistant to abrasion, oil, ozone and weather conditions. Vacuum 0.9 bar.

code	I.D. [mm]	O.D. [mm]	working pressure [bar]	bursting pressure [bar]	bending radius [mm]	weight [kg/m]	standard length [m]
SO-OILSTAR-SD-019	19	29	10	30	95	0.55	40
SO-OILSTAR-SD-025	25	35	10	30	125	0.69	40
SO-OILSTAR-SD-032	32	42	10	30	160	0.84	40
SO-OILSTAR-SD-038	38	48	10	30	190	1.05	40
SO-OILSTAR-SD-040	40	50	10	30	200	1.10	40
SO-OILSTAR-SD-045	45	55	10	30	225	1.19	40
SO-OILSTAR-SD-051	51	61	10	30	255	1.33	40
SO-OILSTAR-SD-060	60	71	10	30	300	1.81	40
SO-OILSTAR-SD-063	63	75	10	30	315	2.05	40
SO-OILSTAR-SD-076	76	88	10	30	380	2.42	40
SO-OILSTAR-SD-080	80	92	10	30	400	2.54	40
SO-OILSTAR-SD-090	90	104	10	30	450	3.45	40
SO-OILSTAR-SD-100	100	114	10	30	500	3.90	40
SO-OILSTAR-SD-110	110	124	10	30	550	4.59	40
SO-OILSTAR-SD-150	150	170	10	30	750	9.49	20

## INDUSTRIAL HOSES - petrochemical

### Reloading hoses for fuel and oil



#### GENOVA® GLOBAL „OHM”

**Internal layer:** Black NBR1 rubber  
**Reinforcement:** Synthetic braid  
**External layer:** Black, antistatic synthetic rubber  
**Working temp.:** From -20°C up to +70°C

Delivery hose developed to transfer liquid petrochemical products with aromatic content up to 50%. The hose features copper wires to ensure electrical conductivity. External layer resistant to abrasion, oil, ozone and weather conditions. Complies with: EN 12115:11, EN 1761, ISO 2929, TRbF. Electrical resistance: OHM/T - electrically conductive hose,  $R \leq 10^6 \Omega/\text{lgth}$ . Tested and approved by INERIS for work in ATEX potentially explosive atmospheres.

code	I.D. [mm]	O.D. [mm]	working pressure [bar]	bursting pressure [bar]	weight [kg/m]	standard length [m]
IV-GENOVA-EN-019	19	30	16	64	0.51	120
IV-GENOVA-EN-025	25	37	16	64	0.67	120
IV-GENOVA-EN-032	32	45	16	64	0.88	120
IV-GENOVA-EN-038	38	51	16	64	1.04	120
IV-GENOVA-EN-050	50	66	16	64	1.73	120
IV-GENOVA-EN-063	63.5	79.5	16	64	2.10	120
IV-GENOVA-EN-075	75	91	16	64	2.44	120
IV-GENOVA-EN-100	100	116	16	64	2.97	120



#### GENOVA / LL® GLOBAL „OHM”

**Internal layer:** Black NBR1 rubber  
**Reinforcement:** Synthetic braid, steel wire helix  
**External layer:** Black, antistatic synthetic rubber  
**Working temp.:** From -20°C up to +70°C

Suction-delivery hose developed to transfer liquid petrochemical products with aromatic content up to 50%. The hose features copper wires to ensure electrical conductivity. The external layer resistant to abrasion, oil, ozone and weather conditions. Complies with: EN 12115:11, EN 1761, ISO 2929, TRbF. Electrical resistance: OHM/T - electrically conductive hose,  $R \leq 10^6 \Omega/\text{lgth}$ . Tested and approved by INERIS for work in ATEX potentially explosive atmospheres. Vacuum 0.9 bar.

code	I.D. [mm]	O.D. [mm]	working pressure [bar]	bursting pressure [bar]	bending radius [mm]	weight [kg/m]	standard length [m]
IV-GENOVA-LL-EN-019	19	32	16	64	114	0.77	120
IV-GENOVA-LL-EN-025	25	38	16	64	150	0.94	120
IV-GENOVA-LL-EN-032	32	45	16	64	176	1.14	120
IV-GENOVA-LL-EN-038	38	52	16	64	228	1.46	120
IV-GENOVA-LL-EN-050	50	65.5	16	64	275	2.04	120
IV-GENOVA-LL-EN-063	63.5	78.5	16	64	285	2.59	120
IV-GENOVA-LL-EN-075	75	90	16	64	337	3.09	120
IV-GENOVA-LL-EN-100	100	116	16	64	450	4.42	120

# INDUSTRIAL HOSES - petrochemical

## Reloading hoses for fuel and oil



### FUEL SOFTWALL®

**Internal layer:** Black PVC/NBR compound  
**Reinforcement:** Synthetic braid  
**External layer:** Black CR compound  
**Working temp.:** From -25°C up to +90°C

Delivery hose designed to transfer liquid petrochemical products with aromatic content up to 50%. The hose features copper wires to ensure electrical conductivity. Flame retardant external layer resistant to abrasion, oil, sea water and weather conditions. It is a specialist hose designed to serve oil-rigs. Widely used in the North Sea.

code	I.D. [mm]	O.D. [mm]	working pressure [bar]	bursting pressure [bar]	standard length [m]
IV-FUEL-SW-076	76	91.5	17	60	120
IV-FUEL-SW-102	102	118	17	60	120
IV-FUEL-SW-127	127	145	17	60	120
IV-FUEL-SW-152	152	174	17	60	120
IV-FUEL-SW-203	203	225	17	60	60



### FUEL HARDWALL®

**Internal layer:** Black PVC/NBR compound  
**Reinforcement:** Synthetic braid, steel wire helix  
**External layer:** Black CR compound  
**Working temp.:** From -25°C up to +90°C  
 From -20°C up to +90°C (FUEL/HW/30)

Suction-delivery hose designed to transfer liquid petrochemical products with aromatic content up to 50%. The hose features copper wires to ensure electrical conductivity. Flame retardant external layer resistant to abrasion, oil, sea water and weather conditions. The hose has a tensile strength of up to 4 tons. It is a specialist hose designed to serve oil-rigs. Widely used in the North Sea.

code	I.D. [mm]	O.D. [mm]	working pressure [bar]	bursting pressure [bar]	standard length [m]
FUEL HARDWALL					
IV-FUEL-HW-076	76	94	17	60	120
IV-FUEL-HW-102	102	120.5	17	60	120
IV-FUEL-HW-127	127	151	17	60	60
IV-FUEL-HW-152	152	181.5	17	60	60
IV-FUEL-HW-203	203	238	17	60	60
FUEL HARDWALL-30					
IV-FUEL-HW-30-102	102	127	30	90	60
IV-FUEL-HW-30-127	127	155.5	30	90	60
IV-FUEL-HW-30-152	152	188	30	90	60