Hoses for handling fuels and oils

GENOVA LL® GLOBAL

Strong petrol and oil suction and delivery hose for demanding working conditions, antistatic

Inner layer: black, smooth NBR rubber
Reinforcement: synthetic cord, steel spiral
Outer layer: black synthetic rubber
Working temp.: from -30ºC to +90ºC (momentarily up to +110ºC)

Strong suction and delivery hose intended for unleaded petrol, diesel and liquid fuels containing **up to 50% aromatic compounds**. Used in industry and transport for conveying and transferring petrochemical products, in tankers, at road and rail fuel loading and unloading terminals.
Inner layer of black, smooth, **antistatic (R ≤ 10^6 Ω)** NBR rubber (NBR1). Reinforcement of high-tensile cord layers and steel spiral. **Fitted with two copper wires ensuring electrical continuity between the hose ends – provided they are correctly connected to the ends.** Outer layer of black, **antistatic (R ≤ 10^6 Ω)** synthetic rubber, self-extinguishing, resistant to abrasion, oil, ozone and weathering. **Through-wall resistance R ≤ 10^9 Ω (type M/T).** Complies with EN12115:11 (16 bar), EN 1761 (10 bar), ISO 2929 (10 bar), TRbF. Certified for Ex explosion hazard zones (ATEX).
Excellent resistance to petrochemical products, strong construction and antistatic properties of both inner and outer layers, with built-in antistatic wires, recommend this hose for demanding applications, also in **explosion hazard zones.** In each case, however, use in an explosion hazard zone (ATEX) should be preceded by a risk analysis carried out by a specialist.
On special order a version without wire is available (type Ω/T).

Chemical resistance check: NBR chemical resistance table (preliminary selection); resistance and conditions of use to be confirmed by Tubes International.

index	diameter inner [mm]	diameter outer [mm]	wall wall [mm]	pressure working [bar]	pressure burst [bar]	vacuum [bar]	bending radius [mm]	weight [kg/m]	length length [m]
GENOVA LL GLOBAL „M/T" – antistatic conductive rubber (inner and outer layer) + 2 copper wires									
IV-GENOVA-LL-EN-019	19	32	6,5	16	64	0,9	114	0,76	60 / 120
IV-GENOVA-LL-EN-025	25	38	6,5	16	64	0,9	150	0,93	60 / 120
IV-GENOVA-LL-EN-032	32	45	6,5	16	64	0,9	176	1,13	60 / 120
IV-GENOVA-LL-EN-038	38	52	7	16	64	0,9	228	1,42	60 / 120
IV-GENOVA-LL-EN-050	50	65,5	7,75	16	64	0,9	275	2,02	60 / 120
IV-GENOVA-LL-EN-063	63,5	78,5	7,5	16	64	0,9	286	2,56	60 / 120
IV-GENOVA-LL-EN-075	75	90	7,5	16	64	0,9	338	3,06	60 / 120
IV-GENOVA-LL-EN-080	80	95,5	7,75	16	64	0,9	360	3,27	60 / 120
IV-GENOVA-LL-EN-100	100	116	8	16	64	0,9	450	4,37	60 / 120

Note: indices highlighted in colour – most commonly used.

1. GENOVA LL GLOBAL DN25 hose with CAMLOCK type CRS 1" coupling of AISI 316 stainless steel fitted with an AISI 304 stainless steel ferrule (TI-LR-040-16-SS).
2. GENOVA LL EN DN19 hose with CAMLOCK type E 3/4" coupling of AISI 316 stainless steel fitted with two stainless steel worm-drive clamps.
3. GENOVA LL GLOBAL DN75 hose with BSP 3" male thread end of AISI 316 stainless steel (GD-VSLB-080-075-SS) fitted with an AISI 316 stainless steel shell clamp (RS-636075008020).

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