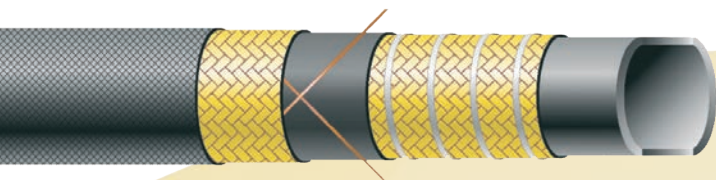


TANK HOSE with spiral, according to EN 12115 - TM1

Robust suction and pressure hose, ideal for loading and unloading of tanks, tank trucks and ships with unleaded fuels (EN228:2008) with an oxygen limit according to EEC 85/536 and an aromatic content up to 50%. Suitable for technical oils, diesel oils (EN 590:2010), heating oils (DIN 51 603 part 1 - 5), hydraulic oils based on mineral oil. Also suitable for applications according to EN 12115 in the petrochemical industry. This hose complies with the Technical Rules for Flammable Liquids (TRbF) 131/2:1992.

Norm/approval: EN 1761:1999, EN 12115:2011 Note: To ensure the tightness of the line, tests must be carried out according to EN 12115:2011.



Temperature range: -30°C / +90°C

Safety: 4:1

Core: NBR, black, smooth, electrically conductive

Interfacing: Textile inserts braided (NW > 3 inch wound),

two crossed copper strands, galvanized steel wire spiral

Ceiling: CR, black, electrically conductive, abrasion resistant, oil and

weatherproof, fabric impression

Marking: continuous writing band, yellow: Mineral oil/Oil Tank-meister® 1 SD PN 16 bar R < 106 Ohm" and

continuous raised embossing according to EN 1761:1999 and EN 12115:2011 Ω / T.

Article Number	Nominal Width (mm)	Wall Thickness (mm)	Operating Pressure (bar)	Bending Radius (mm)	Weight (kg/ meter)	Roll Length (m)
1660.019060	19	6	16	120	0,85	40
1660.025060	25	6	16	150	1,05	40
1660.032060	32	6	16	175	1,25	40
1660.038065	38	6,5	16	225	1,50	40
1660.045070	45	7	16	260	1,95	40
1660.050070	50	7	16	275	2,40	40
1660.063075	63	7,5	16	300	2,95	40
1660.075075	75	7,5	16	350	3,40	40
1660.100080	100	8	16	450	4,85	40
1660.150011	150	11	16	750	8,45	40

suitable fittings for both variants of the tank truck hoses:

VT coupling with female thread - Details Page 072:

MS-TW-VK



SS-TW-VK



MT Coupling with female thread - Details Page 072:

MS-TW-MK
Crown ring



SS-TW-MK
(Crown ring)



MT coupling complete with clamping ring with lever-
Details Page 072:

MS-TW-MK



SS-TW-MK



Other nominal sizes on request

TANK VAN HOSE without spiral, according to EN 12115 - TM2

Volume-constant, calibratable reel hose for filling of tanks with unleaded fuels (EN 228:2008) with an oxygen limit according to EEC 85/536 and an aromatic content up to 50%. Suitable for technical oils, diesel oils (EN 590:2010), heating oils (DIN 51 603 part 1 - 5), hydraulic oils on mineral oil basis. Also suitable for applications according to EN 12115 in the petrochemical industry.

This hose complies with the Technical Rules for Flammable Liquids (TRbF) 131/2:1992.

Standard/approval: EN 1761:1999, EN 12115:2011. Note: To ensure the tightness of the line, tests according to EN 1761:1999 and EN 12115:2011 standards must be carried out.

Temperature range: -30°C / +90°C

Safety factor: 4 : 1

Core: NBR, black, smooth, electrically conductive

Interfacing: Textile inserts braided (NW > 3 inch wound),
two crossed copper wires

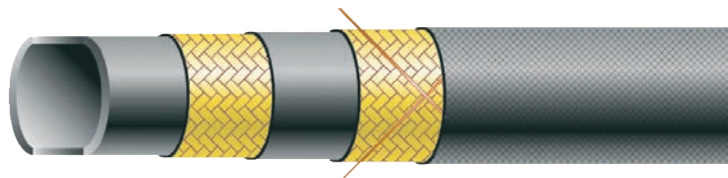
Ceiling: CR, black, electrically conductive, abrasion resistant, oil
and

weatherproof, fabric impression

Labelling: continuous writing band, yellow: mineral oil/

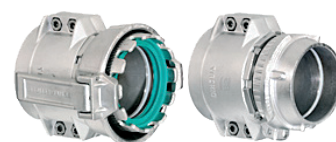
Oil Tankmeister® 2 PN 20 bar R < 106 Ohm" and

continuous raised embossing according to EN 1761:1999 and
EN12115:2011 Ω /T..



Article Number.	Nominal Width (mm)	Wall Thickness (mm)	Operating Pressure (bar)	Bending Radius (mm)	Weight (kg/ meter)	Roll Length (m)
1640.019060	19	6	16	120	0,60	40
1640.025060	25	6	16	150	0,80	40
1640.032060	32	6	16	175	1,05	40
1640.038065	38	6,5	16	225	1,30	40
1640.050080	50	8	16	275	1,90	40
1640.075090	75	9	16	350	2,80	40
1640.100090	100	9	16	450	3,80	40

Tank truck couplings bolted or in one piece according to EN 14420-6 (DIN 28450) - Details Page 074



Shell valves with flanges according to EN 14420-2-3-5 (DIN 2817) - Details from page 108



Shell fittings according to EN 14420-2-3-5 (DIN 2817) - Details Page 073/ 103



Other materials on request

MINERAL OIL MULTI-PURPOSE HOSE TU25

Flexible hose suitable for technical oils, unleaded fuels (EN228:2008), diesel (EN 590:2010) and heating oil (DIN 51 603 part 1-5), as well as for compressed air. Application in industry, garages, petrol stations and service companies.

Electrically conductive: Resistance $R < 106 \text{ Ohm/m}$ (determined according to EN ISO 8031:1997).

Note: Not suitable as a dispensing hose..



Temperature range: $-40^{\circ}\text{C} / +80^{\circ}\text{C}$

Safety factor: 3.15 : 1

Core: NBR, black, smooth, electrically conductive

Interlining: textile inserts, corded

Cover: NBR/SBR, black, smooth, abrasion resistant, oil and weatherproof

Marking: continuous marking, white "SEMPERIT S TU 25 oil/air Oil/Air PN 25 bar Conductive $R < 106 \text{ Ohm/m}$ ". Additionally three red longitudinal stripes

matching fitting:



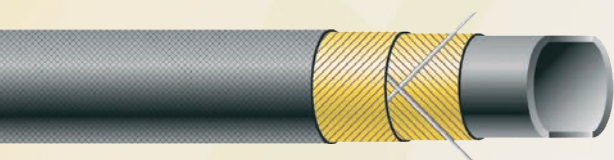
Sleeve screw connections
Details from page 101

Article Number.	Nominal Width (mm)	Wall Thickness (mm)	Operating Pressure (bar)	Bending Radius (mm)	Weight (kg/ meter)	Roll Length (m)
1610.006040	6	4	25	40	0,17	100
1610.008040	8	4	25	50	0,19	100
1610.010040	10	4	25	60	0,23	50
1610.013040	13	4	25	80	0,28	50
1610.016045	16	4,5	25	100	0,38	50
1610.019050	19	5	25	120	0,50	50
1610.025055	25	5,5	25	150	0,73	50

TANK CLEANING HOSE, electrically conductive

Specially designed pressure hose for cleaning with water of containers, tanks and tank trucks.

Also available with vulcanized flanges..



Temperature range: $-35^{\circ}\text{C} / +95^{\circ}\text{C}$

Safety factor: 3 : 1

Core: SBR, black, smooth

Interfacing: Textile inserts wound, 2 protruding steel strands

Cover: SBR, black, abrasion, ozone and weather resistant, seawater resistant, fabric impression

Marking: yellow marking tape, radial at a distance of 5 ft (1.525m)

right fitting



Tank cleaning fitting
Shell fittings

Article Number	Nominal Width (mm)	Wall Thickness (mm)	Operating Pressure (bar)	Bending Radius (mm)	Weight (kg/ meter)	Roll Length (m)
1680.038090	38	8	20	250	1,55	20 / 40
1680.050010	51	8	20	300	2,00	20 / 40