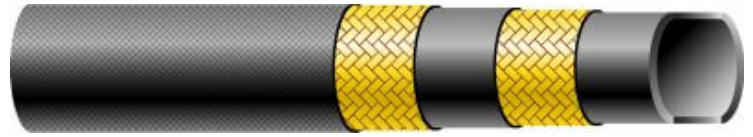


DS1 ultra

Steam wire - 18/55 bar - EN ISO 6134 2A



SPECIFICATIONS

Application	For the use of saturated steam and hot water in the chemical and petrochemical industry, as well as in plant engineering, the construction industry and shipbuilding.
Feature	The DS1 <i>ultra</i> is designed for highest demands in industry. Two braids of zinc-plated steel-wire offer best resistance to superheated steam (up to + 230 ° C) and prevents corrosion. DS1 <i>ultra</i> is characterized by a high flexibility, small bending radius and small bending force as well. Electrically conductive: Resistance $R < 10^6$ Ohm.
Standard/Approval	EN ISO 6134:2017 Type 2, class A.
Temperature range	-40°C / +210°C [saturated steam], peak +230°C [super heated steam]; +120°C [hot water].
Safety factor	Steam 10 : 1, Hot water 3,15 : 1
Tube	EPDM, black, electrically conductive, smooth.
Reinforcement	Zinc plated steel braided.
Cover	EPDM, black, resistant to ozone and weather, electrically conductive, cloth impression.
Marking	continuous mylartape, red letters: "SEMPERIT [S] DS 1 <i>ultra</i> Sattdampf / Saturated Steam WP 18 bar 210°C [peak +230°C] $R < 10^6$ Ohm MADE IN EU /////", as well as continuous embossed tape "SEMPERIT [S] DS1 <i>ultra</i> EN ISO 6134:2017 2A DAMPF / STEAM - PN 18 bar [1,8 MPa] 210 °C [peak 230°C] NW Ω xQ/YY [with EN dimensions].
Notice	ATTENTION: Use only suitable fittings [clamp fittings according to EN 14423:2016]. ATTENTION: Superheated steam shortens considerably the service life of the hose! ATTENTION: Please refer to our saturated steam table.