

# KP 100 RAIL

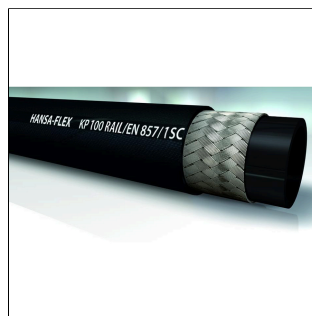
Braided hose, single-layer, EN857 1SC, EN 45545-2 approved (railway)

**HANSA FLEX**

Last updated: 11/06/2026

## Properties

Inner tube	oil resistant, synthetic rubber
Reinforcement	one high-tensile steel wire braid
Cover	oil-resistant, synthetic rubber; flame retardant
Application	rail vehicles
Media	mineral oil poly-glycol based oil water (0 °C to +85 °C) Air (up to +75°C).
Standard	EN 857 1SC EN 45545-2
Temp. max.	100 °C
Temp. min.	-40 °C
Customs tariff number	40092100



The product image may differ

## Items

Identification	D N*	Inch	Si ze	Inside Ø (mm)	Outside Ø (mm)	Working pressure (bar)	Ø Reinforcement (mm)	Test pressure (bar)	Burst pressure (bar)	Bend radius min. (mm)
KP 106 RAIL	6	1/4"	4	6.4	13.5	225	10.8	450	900	50
KP 108 RAIL	8	5/16"	5	7.9	14.5	215	12.1	430	860	55
KP 110 RAIL	10	3/8"	6	9.5	16.9	180	14.5	360	720	65
KP 113 RAIL	12	1/2"	8	12.7	20.4	160	18.1	320	640	90
KP 116 RAIL	16	5/8"	10	15.9	23	130	21	260	520	100
KP 120 RAIL	19	3/4"	12	19	26.7	105	24.4	210	420	120
KP 125 RAIL	25	1"	16	25.4	34.9	88	31.9	176	352	150

DN = nominal diameter, nominal width

## Suitable Frames

PHD 100	Swage ferrule for braided hose, skive ferrule, steel
PHN 100	Swage ferrule for braided hose, non-skive ferrule, steel