



RADIOR K 1003

Designed for heating and cooling systems, resistant to ASTM I/III/III oil up to +100 °C (+212 °F) with peaks up to +120 °C (+248 °F) and diesel fuel up to +50 °C (+122 °F).

Hose Construction

Tube: Black, smooth, heat resistant NBR rubber compound
Reinforcement: Synthetic textile fabrics yarns
Cover: Black, smooth, wrapped finish, heat, ageing and weather-resistant CR rubber compound



- Superior Chloroprene cover compound for oil and fuel resistance
- Also suitable for B100
- Light and flexible hose
- Burst Pressure Value 3:1

Temperature Range






-40 °C (-40 °F) to +100 °C (+212 °F)

Tolerances

I.D. ≤ 22 mm according to UNI EN ISO 1307

I.D. > 22 mm according to RMA steel mandrel

Refer to Technical Handbook on page TH34

Part Number	 I.D. (mm)	 O.D. (mm)	 Working Pressure			 Weight kg/m	 min. Bend Radius mm	in Stock
			MPa	psi	bar			
IH30831300/40	12	19	0.5	72.5	5	0.24	–	Y
IH30831302/40	15	22	0.5	72.5	5	0.28	–	Y
IH30831303/40	18	25	0.5	72.5	5	0.33	–	Y
IH30831305/40	22	29	0.5	72.5	5	0.39	–	Y
IH36831300/40	25	32	0.5	72.5	5	0.41	–	Y
IH36831301/40	28	35	0.5	72.5	5	0.45	–	Y
IH36831303/40	32	39	0.5	72.5	5	0.51	–	Y
IH36831305/40	38	45	0.5	72.5	5	0.59	–	Y
IH36831308/20	45	56	0.5	72.5	5	1.11	–	N
IH36831309/20	50	61	0.5	72.5	5	1.22	–	Y
IH36831311/20	60	71	0.5	72.5	5	1.43	–	N
IH36831312/20	65	76	0.5	72.5	5	1.54	–	N