



POLIAX D SM EN 12115

According to EN 12115

Suitable for suction and delivery of highly aggressive chemicals, according to EN 12115.

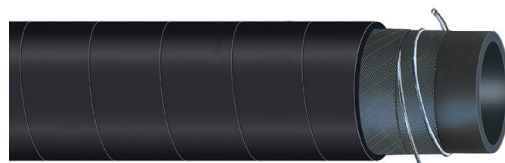
Hose Construction

- Tube:** Black, smooth antistatic EPM nitrosamine free rubber compound
- Reinforcement:** Synthetic textile fabrics, embedded steel wire helix and built-in copper wires to facilitate the electrical connection between hose and end couplings
- Cover:** Black, antistatic ($R < 1 \text{ M}\Omega/\text{m}$), EPDM rubber compound, heat, abrasion, ageing and weather resistant

Temperature Range

-35 °C (-31 °F) to +100 °C (+212 °F)

For aggressive chemicals and solvents the hose is intended to be used at room temperature. The hose can be cleaned and sterilized with usual detergents or steam – a temperature of +130 °C (+266 °F) for short periods.



- In-plant and storage tank transfer
- Nitrosamine free
- Flexibility and kink resistance
- Suitable for ATEX areas
- Meets TRbF 131 part 2 par 5.5 (flame resistance)
- Vacuum 0.9 bar up to 63.5 mm then 0.8 bar
- Design Factor 4:1



Tolerances

According to EN 12115

Refer to Technical Handbook on page TH34

Crimp Specifications

For currently qualified crimp specifications including coupling designation, refer to CrimpSource at www.parker.com/crimpsource-euro.

Part Number	I.D. (mm)	O.D. (mm)	Max. Working Pressure			Weight	min. Bend Radius
			MPa	psi	bar		
IH36810111/40	19	31	1.6	232.0	16	0.70	125
IH36810112/40	25	37	1.6	232.0	16	0.92	150
IH36810113/40	32	44	1.6	232.0	16	1.09	175
IH36810114/40	38	51	1.6	232.0	16	1.35	225
IH36810115/40	50	66	1.6	232.0	16	1.84	275
IH36810116/40	63.5	79,5	1.6	232.0	16	2.54	300
IH36810117/40	75	91	1.6	232.0	16	3.12	350
IH36810118/20	100	116	1.6	232.0	16	4.41	450

WARNING!

If delivering chemicals over +25 °C (+77 °F), please contact us. Many chemical products can cause severe injuries to people or damage to property, and here are risks of environmental pollution in case of leakage or hose burst. All necessary measures must be taken in order to avoid accidents both during normal service operations and during hydrostatic tests, which must be carried out by trained personnel using suitable tools.

Hose layline example

POLIAX D EN 12115:2011 - EPDM - SD - I.D. - WP ...bar - Ø - TRbF 131 T2p. 5.5 - Quarter/Year



MADE IN ITALY

