

POLIAX UPE CON SM EN 12115

According to EN 12115

POLIAX UPE CON SM EN 12115 OND is a very flexible hose suitable for suction and delivery of a wide range of highly aggressive chemicals such as most industrial acids, alkalis, oils, fuels and solvents. It can also be used as a flexible connections in paint plants.

Refer to the Chemical Resistant Chart to determine compatibility with specific chemicals. For severe or special applications – for tighter bending radius – or if in doubt, please ask our Technical Assistance.

Hose Construction

Tube:	Lucent, black, smooth, conductive, ultra high molecular weight polyethylene (UHMWPE), suitable for foodstuff contact according to FDA, EEC Directive, Italian Decrees
Reinforcement:	Synthetic textile fabrics, embedded steel wire helix and built-in copper wires to allow the electrical connection between hose and couplings
Cover:	Black, antistatic ($R < 1 \text{ M}\Omega/\text{m}$), EPDM rubber compound, heat, abrasion, ageing and weather resistant



- High flexibility and kink resistance
- Fits also foodstuffs according to FDA
- Suitable for ATEX areas
- Meets TRbF 131 part 2 par 5.5 (flame resistance)
- Vacuum: 0.9 bar up to dn 63.5, 0.8 bar for larger sizes
- Burst Pressure Value 4:1

Temperature Range

-20 °C (+5 °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.

Tolerances

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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			
IH36811529/40	19	31	1.6	232.0	16	0.71	190	Y
IH36811530/40	25	37	1.6	232.0	16	0.87	230	Y
IH36811531/40	32	44	1.6	232.0	16	1.07	260	Y
IH36811532/40	38	51	1.6	232.0	16	1.35	340	Y
IH36811534/40	50	66	1.6	232.0	16	2.29	410	Y
IH36811535/40	63.5	79	1.6	232.0	16	2.51	450	Y
IH36811536/40	75	91	1.6	232.0	16	3.07	530	Y
IH36811538/20	100	116	1.2	180.0	12	4.43	680	N

POLIAX EN 12115:2011 - UPE - SD - I.D. - WP ...bar -

Ω - TRbF 131 T2p. 5.5 - Quarter/Year

Parker MADE IN ITALY

Distributed by:



Bulgaria
Telephone: +359 2 973 27 67
Fax: +359 2 973 26 65
E-mail: office@daisglobal.eu
Web: http://markuchi.eu/

România
Telephone/Fax : +40 21 780 45 58
E-mail: office_ro@opwmarket.com
Web: http://furtunuri.eu/

Srbija
Telephone/Fax : 038111/2619-200
E-mail: office_sr@opwmarket.com
Web: http://creva.eu/