

# POLIAX UPE CON EN 12115

According to EN 12115

POLIAX UPE CON EN 12115 is suitable for 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 with 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



- In-plant and storage tank transfer
- Fits also foodstuffs according to FDA
- Suitable for ATEX areas
- Meets TRbF 131 part 2 par 5.5 (flame resistance)
- 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			
IH36811590/40	19	31	1.6	232.0	16	0.61	125	N
IH36811591/40	25	37	1.6	232.0	16	0.73	150	N
IH36811592/40	32	44	1.6	232.0	16	0.90	175	N
IH36811593/40	38	51	1.6	232.0	16	1.09	225	N
IH36811594/40	50	66	1.6	232.0	16	1.80	275	N
IH36811595/40	63.5	79	1.6	232.0	16	1.96	300	N
IH36811596/40	75	91	1.6	232.0	16	2.47	350	N
IH36811597/20	100	116	1.2	180.0	12	3.20	450	N

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Ω - TRbF 131 T2p. 5.5 - Quarter/Year

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