

# CW 416 UHMW PE

## CHEMICALS S&D

### ULTRA HIGH MOLECULAR WEIGHT PE LINER



**Application:** suitable for suction & delivery of acids, alkalis, salts, organic compounds (alcohols, esters, ketones, etc.) incl. aromatic substances, chlorinated hydrocarbons and oxidising acids according to our chemical resistance list.

**Feature:** abrasion resistance.

**Standard/approval:** EN 12115:2011, TRbF 131/2:1992.

**ATTENTION:** the temperature of the medium must be lower than its boiling point. Please refer to the Roiter® resistance list or, in case of doubt, contact our technical dept. Continuous use at peak values reduces the service life.

**To ensure the assembly is leakproof, hoses must be tested according to EN 12115:2011.**

**Temperature range:** -40 / + 100°C depending on medium. Steam cleaning without pressure up to 130°C / max. 30 min.

**Safety factor:** 4 : 1

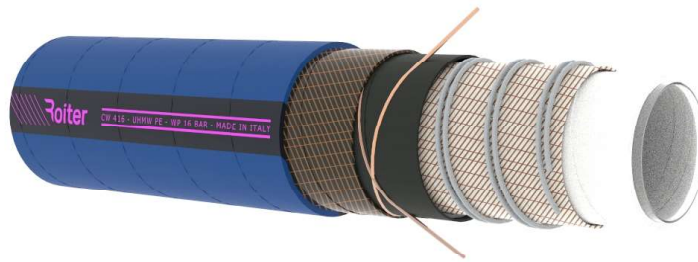
**Tube:** UHMWPE, transparent/white, smooth.

**Reinforcement:** high tensile synthetic textile, steel wire helix, antistatic copper wires.

**Cover:** Blue synthetic rubber, smooth, ozone weather and abrasion resistant, wrapped fabric finish. Black cover or green on request.

**Marking:** continuous transfer tape:

"ROITER® CW 416 - CHEMICALS UHMWPE - WP 16 BAR - S&D - MADE IN ITALY"



Internal dia		Wall thickness	External dia	Working Pressure	Bending radius	Weight approx	Coil length
mm	inch	mm	mm	(max) bar	(min) mm	Kg/m	(max) m
19	3/4	6	31	16	190	0,90	40
25	1	6	37	16	225	1,20	40
32	1 1/4	6	44	16	275	1,50	40
38	1 1/2	6,5	51	16	350	1,75	40
51	2	8	67	16	420	2,50	40
63	2 1/2	8	79	16	450	3,10	40
76	3	8	92	16	525	3,90	40
102	4	9	120	16	675	4,90	40

**Please note:** before using our products with new or untested media, or for applications that are not clearly indicated in the product information, written advice must be obtained from a specialist dealer or a Roiter application engineer. For safety reasons, all products must be inspected regularly for operational safety and replaced in the event of any damage (especially of the cover) or unusual signs of wear and tear. All products must be stored, handled and maintained in accordance with all our respective instructions and DIN 7716:1982. The information in our catalogue as well as each individual data sheet is subject to change at any time without notice since we are constantly developing and improving our products and due to constant technical developments after the latest release date of the catalogue and/or individual data sheets. In order to always have the latest product and safety information make sure you visit our website ([www.roiter.com](http://www.roiter.com)) regularly or contact one of our specialist dealers or a Roiter application engineer. All contracts with Roiter are exclusively subject to our general terms and conditions (available at [www.roiter.com](http://www.roiter.com)). Additional important general information about the range, choice and safe use of our products can be found on our website ([www.roiter.com](http://www.roiter.com)).