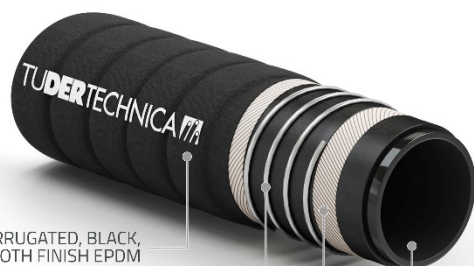




## TUCHEM® UPE FULL CONDUCTIVE FORM



WIDE CORRUGATED, BLACK,  
CONDUCTIVE, CLOTH FINISH EPDM

GALVANIZED WIRE HELICES

SYNTHETIC PLYS

BLACK, CONDUCTIVE UPE

### TECHNICAL CHARACTERISTICS

**Temperature range :** -35°C / +100°C ( -31°F / +212°F)

The operating temperature of the hose is directly dependent upon the specific fluid been conveyed and the length of time the fluid is in contact with the hose.

**Electrical properties :** type Ω/T according to norm EN 12115 (R<10<sup>6</sup> Ω, R<10<sup>9</sup> Ω through the hose wall)

**Norm :** EN12115 - TRbF 131/2

Suction and delivery hose designed according to EN 12115 standards for chemical products.

### DESCRIPTION

#### Tube

UPE, black, conductive, phthalates free, tested in compliance with 1907/2006/CE (REACH). Meets FDA 21 cfr 177.1520, BfR Cat III, DM 21.03.73 e seguenti, EUROPEAN REGLEMENT 1935/2004/CE AND 10/2011/CE

#### Reinforcement

synthetic plies, galvanized wire helices, a/s copper wire to discharge static electricity

#### Cover

wide corrugated, EPDM, black, conductive, abrasion, ageing and ozone resistant, cloth finish

#### Sterilization

refer to guidelines for cleaning and sanitizing on Tudertechnica website

#### Marking

white/blue tape

TUDERTECHNICA TUCHEM® UPE FULL CONDUCTIVE

embossed according to norm EN 12115

TUDERTECHNICA UHMWPE EN12115:2011 DN SD PN 10 BAR Ω / T Q/Y



Inside diameter		Outside diameter		Vacuum		Working pressure		Burst pressure		Appr. weight		Bending radius	
[mm]	[in]	[mm]	[in]	[bar]	[psi]	[bar]	[psi]	[bar]	[psi]	[kg/mt]	[lbs/ft]	[mm]	[in]
25	1,00	37	1,46	0,9	13	10	150	40	600	0,71	0,48	95	3,74
32	1,25	44	1,73	0,9	13	10	150	40	600	0,87	0,58	115	4,53
38	1,50	51	2,00	0,9	13	10	150	40	600	1,11	0,74	140	5,51
50	1,97	66	2,60	0,9	13	10	150	40	600	1,84	1,23	190	7,48
51	2,00	67	2,64	0,9	13	10	150	40	600	1,87	1,26	190	7,48
63,5	2,50	79,5	3,13	0,9	13	10	150	40	600	2,34	1,57	245	9,65
75	2,95	91	3,58	0,9	13	10	150	40	600	2,77	1,86	330	12,99
76	3,00	92	3,62	0,9	13	10	150	40	600	2,80	1,88	330	12,99
100	3,94	116	4,57	0,9	13	10	150	40	600	3,48	2,34	475	18,70
102	4,00	118	4,65	0,9	13	10	150	40	600	3,54	2,38	475	18,70

Data refer to ambient temperature (20°C).