

## IDROCICLONE



SMOOTH, BLACK, CONDUCTIVE,  
ABRASION RESISTANT, CLOTH FINISH

STEEL WIRE HELIX

SYNTHETIC PLYS

BLACK, CONDUCTIVE,  
ABRASION RESISTANT NR/SBR

### TECHNICAL CHARACTERISTICS

**Temperature range :** -40°C / +70°C ( -40°F / +158°F )

**Norm :** ISO 1307 for dimensional tolerances

Suction and discharge hose suitable for abrasive material mixed with water. Especially used in the crushing plants, cleaning and sorting plants, storage and transport of slurry. The hose is readily provided with aluminium semi-flanges UNI EN 1092-1 PN 10 (ex UNI 2277) to be fixed with bolts to be external side of the hose.

### DESCRIPTION

#### Tube

NR/SBR, black, conductive, abrasion resistant

#### Reinforcement

synthetic plies, steel wire helix

#### Cover

smooth, black, conductive, abrasion, ageing and ozone resistant, cloth finish

#### Marking

TUDERTECHNICA IDROCICLONE

Inside diameter		Outside diameter		Vacuum		Length		Working pressure		Burst pressure		Appr. weight		Bending radius	
[mm]	[in]	[mm]	[in]	[bar]	[psi]	[mt]	[ft]	[bar]	[psi]	[bar]	[psi]	[kg/mt]	[lbs/ft]	[mm]	[in]
51	2,00	69	2,72	0,9	13	40	130	4	60	12	180	2,10	1,41	225	8,86
63,5	2,50	79	3,11	0,9	13	40	130	4	60	12	180	2,61	1,75	340	13,39
76	3,00	101	3,98	0,9	13	40	130	4	60	12	180	4,23	2,83	460	18,11
102	4,00	122	4,80	0,9	13	40	130	4	60	12	180	4,74	3,18	700	27,56
127	5,00	152	5,98	0,9	13	40	130	4	60	12	180	7,69	5,15	950	37,40
152	6,00	178	7,01	0,9	13	40	130	4	60	12	180	9,59	6,43	1200	47,24
203	8,00	234	9,21	0,9	13	12	39	4	60	12	180	16,22	10,87	1650	64,96
254	10,00	289	11,38	0,9	13	12	39	4	60	12	180	20,71	13,88	2100	82,68
305	12,00	337	13,27	0,9	13	12	39	4	60	12	180	26,03	17,44	2600	102,36

Other diameters and pressure only on specific request. Data refer to ambient temperature (20°C).