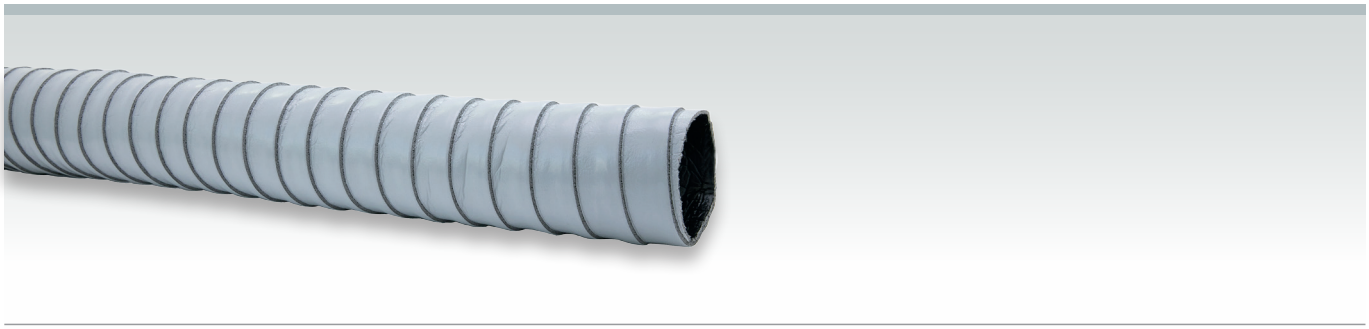
CONDITION/HT



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APPLICATION

Special thermoplastic hose suitable for suction of air, gas, fumes, reduction of condensation of heat. For it's special construction, it can be used in all plants of suction and air ventilation also with parts in motion.

- **TEMP.:** -25°C +100°C

CONSTRUCTION

- **Tube**: layer of additived polyolefinic resins.
- **Reinforcement**: steel wire helix.
- **Cover**: reticular polyethilene foam of closed cells with external.

Available on request: EXTRA MORE TICKNEES (8mm)
A richiesta: SPESSORE (8mm)

RETICULAR POLYETHILENE FOAM TYPE CL1

Phisical-Mechanical Properties	U.M.	METHOD	VALUES
Density	Kg/m^3	ISO 845	30
Combustion class		CSE RF2/75° RF3/77	CL1
Thermal conductivity coefficient at 0°C (λ)	W/mk Kcal/mh °C	UNI 7745 ASTM C177 UNI 7745 ASRM C177	0,0344 0,0296
Thermal conductivity coefficient at 40°C (λ)	W/mk Kcal/mh °C	UNI 7745 ASTM C177 UNI 7745 ASRM C177	0.0372 0.032
Coefficient of resistant to steam spread	μ	DIN 52615	>65.000
Steam permeability	Ng/Pa s m	DIN 52616	0.12
Water absorption after 28 days	Vol. %	DIN 53433	<3
Resistance to compression at 10%	g/cm2	ISO 3386/1	190.00

DIAMETRO INTERNO INSIDE DIAMETER		PESO TEORICO WEIGHT		PRESSIONE ESERCIZIO WORKING PRESSURE		ASPIRAZ. VACUUM	RAGGIO CURVATURA BENDING RADIUS		LUNGHEZZA LENGTH	
mm	inch	kg/mt	lbs/ft	bar	psi	bar	mm	inch	mt	ft
45	1.3/4"	0.08	0.05	0.70	10.50	0.18	33	1.30"	10	32.8
51	2"	0.09	0.06	0.70	10.50	0.18	35	1.38"	10	32.8
55	2.1/16"	0.10	0.06	0.70	10.50	0.18	40	1.57"	10	32.8
60	2.3/8"	0.11	0.07	0.70	10.50	0.15	42	1.65"	10	32.8
70	2.3/4"	0.13	0.08	0.60	9.00	0.13	49	1.93"	10	32.8
76	3"	0.14	0.09	0.60	9.00	0.12	52	2.05	10	32.8
80	3.5/32"	0.15	0.10	0.50	7.50	0.09	56	2.20"	10	32.8
90	3.17/32"	0.18	0.12	0.40	6.00	0.08	60	2.36"	10	32.8
102	4"	0.20	0.13	0.40	6.00	0.08	70	2.76"	10	32.8
127	5"	0.25	0.16	0.40	6.00	0.07	90	3.55"	10	32.8
152	6"	0.30	0.20	0.20	3.00	0.05	105	4.13"	10	32.8
160	5.1/8"	0.33	0.22	0.15	2.25	0.05	110	4.33"	10	32.8
180	5.1/2"	0.44	0.29	0.15	2.25	0.05	130	5.11"	10	32.8
203	6"	0.50	0.33	0.15	2.25	0.04	140	5.51"	10	32.8
254	8"	0.60	0.40	0.08	1.20	0.03	175	6.88"	10	32.8

Tutti i dati tecnici sono riferiti ad una temperatura di 23° C ±2° C (ISO 291) - tolleranze su tutti i diametri indicati ±5%.

All technical specifications apply to a temperature of 23° C ±2° C (ISO 291) - tolerance on all specifications ±5%.

Altri diametri e/o pressioni realizzabili su richiesta - Le caratteristiche e i dati tecnici possono essere modificati senza preavviso.

Other diameters and/or pressures are feasible upon request - The characteristics and technical data could be changed without warning.