

Teknikum GRANIT® CERAMIC ANTISTATIC



APPLICATIONS

Teknikum GRANIT® CERAMIC ANTISTATIC is an extremely wear resistant and long-life version of Teknikum GRANIT® hose. The inner lining of the hose is made of Ceramic.

The hose is well suitable for transportation of very abrasive materials, e.g. sludge, powdered lime, carbon, quartz sand and granulates in applications where frequent maintenance breaks and hose replacements are not desirable.

The hoses special manufacturing and vulcanization process provides excellent adhesion durability between rubber and ceramics.

ADVANTAGES

- Safe and durable hose
- Extremely high wear-resistance
- Ceramic provides longer life cycle in comparison to rubber hoses
- Very flexible and low bending radius due to corrugated cover and ceramic-rubber lining structure
- High burst pressure ≥ 32 bar
- Eliminates vibrations and noise
- Excellent weather-resistance
- Quick and easy installation

TECHNICAL PROPERTIES

Previous versions

GRANIT® Ceramic 4910 Antistatic
(same reference and structure)

Structure

- Tube: ceramic lining
 - wear resistant
- Reinforcement: textile and steel spiral
- Cover: black SBR
 - wear resistant
 - weather resistant
 - antistatic
 - corrugated surface
- Safety factor: 3,2 (Burst pressure = 3,2 x working pressure)

Temperature range

-40°C... +80°C

Electrical properties

- Conductive tube and cover $R \leq 10^6 \Omega$ / length
- Conductive through the hose wall $R \leq 10^9 \Omega$

SUITABLE COUPLINGS AND CLAMPS

We recommend Teknikum PLUS™ flange system or Teknikum GRANIT® Select couplings and select gaskets.

MANUFACTURER

Teknikum Oy (Business ID FI07645274),
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More information

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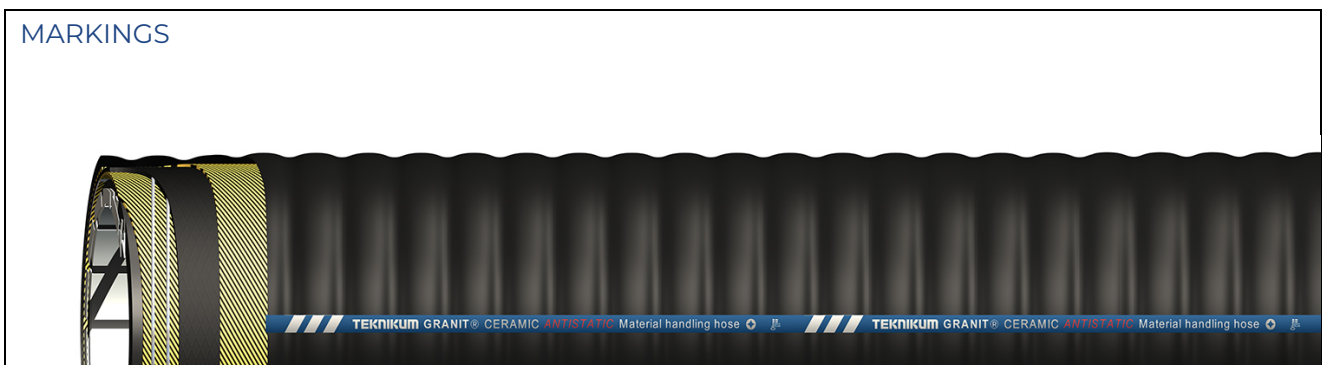


ORDER REFERENCE

Product code	Ø i.d. mm	Ø o.d. mm	Working press. MPa	Vacuum max. MPa	Bending radius mm	Weight kg/m	Length max. m
4910025	25	53	1,0	0,09	130	2,70	10
4910032	32	60	1,0	0,09	140	3,20	10
4910040	40	73	1,0	0,09	150	4,60	10
4910050	50	83	1,0	0,09	200	4,70	10
4910065	65	98	1,0	0,09	300	6,00	10
4910080	80	113	1,0	0,09	400	8,20	10
4910102	102	133	1,0	0,09	500	9,70	10
4910127	127	164	1,0	0,09	600	12,60	10
4910152	152	189	1,0	0,09	800	14,70	10
4910203	203	246	1,0	0,09	1800	21,50	10
4910253	253	293	1,0	0,09	2200	25,00	10
4910305	305	352	1,0	0,09	3000	42,00	10
4910350	350	407	1,0	0,09	3600	54,00	10

Other dimensions available on request.

MARKINGS



REFERENCE IMAGES

With recommended coupling **Teknikum GRANIT® Select**

