

**CERA HOSE**



CERA Material Handling hose with the most durability, reduced downtime, and increased wear-life. Integrating high-wear alumina ceramic tiles right into the rubber for extreme durability. This design is perfected over time to minimize tile debonding and achieve the highest abrasion resistance against impact and wet sliding.

**APPLICABLE STANDARD:**

Compressed air & vacuum systems conveying abrasive materials such as ceramic powders, coal powder, dry cement, fiberglass, flyash & raw minerals in harsh application such as carbon injection, ceramic/glass works, manufacturing/processing of insulating materials, mines, power generation facilities & steel industry.

**TUBE MATERIAL:**

Special black rubber with embedded off-white round or hexagonal ceramic tiles

**REINFORCEMENT:**

Multiple textile plies, optional with wire helix for vacuum applications

**COVER:**

Black SBR with wrapped finish

**COVER OPTIONS:**

Fiberglass Firesleeve, Interlocking Steel Cover, Natural Rubber

**BRAND:**

**ITAFLEX® CERA150 - DN51 W.P. 10 BAR 150 F**

**ASSEMBLY OPTIONS:**

Built-in fittings or crimped fittings

TECHNICAL  
INFORMATION

I.D. mm	O.D. mm	Working Pressure			Burst Pressure			Weight kg/m	Min. Bend Radius mm
		Mpa	Psi	Bar	Mpa	Psi	Bar		
25	49	1	150	10	3.0	450	30	2.59	375
32	56	1	150	10	3.0	450	30	3.07	480
38	62	1	150	10	3.0	450	30	3.48	570
42	66	1	150	10	3.0	450	30	3.75	630
48	72	1	150	10	3.0	450	30	4.17	720
50	74	1	150	10	3.0	450	30	4.31	750
60	86	1	150	10	3.0	450	30	5.27	900
63.5	90	1	150	10	3.0	450	30	5.54	953
70	95	1	150	10	3.0	450	30	6.00	1050
75	100	1	150	10	3.0	450	30	6.35	1125
80	106	1	150	10	3.0	450	30	6.93	1200
100	130	1	150	10	3.0	450	30	8.56	1500
114	145	1	150	10	3.0	450	30	13.24	1710
125	157	1	150	10	3.0	450	30	14.42	1875
150	186	1	150	10	3.0	450	30	19.42	2250
203	245	1	150	10	3.0	450	30	27.68	3045