

STEEL INDUSTRY TRANSFER
HOSE FOR HIGHLY
CORROSIVE MATERIAL

COREBLAST[®]

HOSE




- ▶ Highly corrosion and abrasion resistant hose that allows for longer life avoiding constant replacement
- ▶ For transporting materials such as Blowing Coke (iron residue) and mending material into blast furnaces
- ▶ Industrial waste and raw material transfer hose
- ▶ Suitable for suction application for a variety of extremely abrasive products

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www.fluidhose.com

FLUIDHOSE
& COUPLING INC.

ISO 9001 

COREBLAST[®] HOSE



TUBE REINFORCEMENT

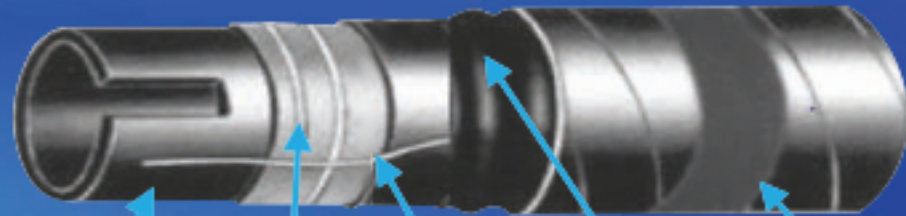
- ▶ Polyurethane, transparent
- ▶ Synthetic plies
- ▶ Steel wire helix
- ▶ a/s copper wires to discharge static electricity

COVER

- ▶ Corrugated, CR, Black
- ▶ Conductive, abrasion
- ▶ Ageing and ozone resistant
- ▶ Flame resistant
- ▶ Cloth finish

TECHNICAL CHARACTERISTICS

- ▶ Temp. Range -30 °C / +100 °C
- ▶ Vacuum - 0.8 bar
- ▶ Norm - ISO 1307
(for dimensional tolerance)



POLYURETHANE TUBE

STEEL WIRE HELIX

COOPER WIRE DISCHARGE

SYNTHETIC PLYS AND CLOTH FINISH

CORRUGATED CR BLACK

ID (mm)	OD (mm)	Working Pressure (bar)	Burst Pressure (bar)	App. Weight (kg/m)	Bend Radius (mm)
1.5" (38)	2.68" (68)	145psi (10)	435psi (30)	2.35lbs/ft (3.49)	5.9" (150)
2" (51)	3.19" (81)	145psi (10)	435psi (30)	2.90lbs/ft (4.32)	8.3" (210)
3" (76)	4.33" (110)	145psi (10)	435psi (30)	4.60lbs/ft (6.84)	15.0" (380)
4" (102)	5.39" (137)	145psi (10)	435psi (30)	6.21lbs/ft (9.24)	22.0" (560)

Application	Hose Blowing Cokes	Hose for Shot Blasting
Transporting Materials	0.12" - 0.20" (3-5mm) cokes	01 - 02mm iron balls
Hose Specifications	1.5" (34mm) ID x 4 plies	2" (50mm) ID x 4 plies
Life of Rubber Hose	Not usable after 6 charges-(90 min.)	not usable after <u>2 months</u>
Life of Coreblast Poly Hose	Only light abrasion damage after 300 charges - (4500 min.)	Almost no abrasion damage after <u>10 months</u>


Data refers to ambient temperature (20° C)

Other diameters, wall thickness, cover colours and pressure by special request

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