






Thermoplastic Welding Hoses are manufactured using thermoplastic PVC compound, which have properties similar to rubber compound to withstand high pressure and temperature conditions. It is constructed with full weaving of synthetic yarn and with normal reinforcement as well in between two thermoplastic layers. It is very light weight and economical compared to double braided plastic/rubber hoses. Thermoplastic welding hoses meets all requirements for welding, brazing and cutting operations including oxygen and Acetylene welding by hand and machine. This hose is manufactured by using high quality tested raw material and using best quality nitrile rubber compound, in accordance with latest technology and in compliance with set industry standards.

ARK Welding Hoses are approved by BIS via CML number 8700036611

| | |
|----------------------|--|
| CORE | PLASTICIZED PVC, BLACK |
| REINFORCEMENT | SINGLE BRAID OF SYNTHETIC FIBER |
| COVER | FLAME RETARDANT THERMO COMPOUND |
| APPLICATION | DESIGNED FOR INDUSTRIAL WELDING AND CUTTING APPLICATION |
| TEMPERATURE | CONTINUOUS : -10 TO 75 |



| CODE |  | |  | |  | |  | |  | |
|-------------|---|------|---|----|---|-----|---|-----|---|----|
| | OD | | ID | | WP | | BP | | Min BR | |
| | Inch | Mm | Inch | Mm | Psi | Bar | Psi | Bar | Inch | mm |
| WH08 | 0.57 | 14.5 | 5/16 | 8 | 200 | 15 | 800 | 55 | 1.181 | 30 |
| WH10 | 0.65 | 16.5 | 3/8 | 10 | 200 | 15 | 800 | 55 | 1.574 | 40 |

Salient Features

APPROVED BY BIS AS PER ISI 447 WIDE CML
NUMBER 8700036611

LIGHT WEIGHT AND FLEXIBLE, EASY FOR
CIRCULAR AND OVERHEAD WELDING

ABRASION RESISTANT

RODENT PROOF

CRUSH AND KINK RESISTANT

RESISTANT TO CHEMICALS AND ALKALI

AVAILABLE IN TWO COLORS RED FOR
ACETYLENE AND BLUE FOR OXYGEN

| Physical and Mechanical Properties of the Hose | |
|--|--|
| Tensile Strength (Lining) | 10 N/mm ² |
| Tensile Strength (Cover) | 14 N/mm ² |
| Elongation (Lining) | 220 % |
| Elongation (Cover) | 300% |
| Adhesion between Lining & Covers | At least 2.5 kN/m, in accordance with IS:3400 (Part-24):2001 / ISO 8033:1991 |

Application:

Suitable for oxy-acetylene welding and cutting equipments in all types of industrial workshops, oil refineries, steel mills, ship building repair & breaking yards, service stations, garages



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