



DHK ARC 40™ Flash Suits

DHK700512-40TM-1



DHK's ARC40 suit is manufactured with a special layering system, with a Fiber content of 82% aramid, and 18% melamine. Fabric system Weight is 12.1 oz/yd². All the materials used in the construction of this suit are inherently flame resistant. Available in hood, coat, bib-overalls, and coverall. DHK's ARC40 suit is designed to provide protection from arc flash heat exposures. According to NFPA 70E Hazard Risk Category (HRC) levels, this garment exceeds the HRC4 required minimum of 40 cal/cm².

DHK International Inc.

Laguna Hills, CA 92653

Phone: (949) 588-1170 Fax: (949) 588-0996

Email: dhkmedical1@dhki.com

Website: www.DHKI.com

DHK ARC 40™ Flash Suits

DHK700512-40TM-1



Materials, Design & Other Characteristics

DHK's ARC40 suit is manufactured with a special layering system, with a fiber content of 82% aramid, and 18% melamine. Fabric system weight is 12.1 oz/yd². All the materials used in the construction of this suit are inherently flame resistant. The knit cuffs, zippers tape, threads and Velcro® are made of Nomex®. The hood window is manufactured with a mix of polycarbonate and DHK's proprietary ArcX™ energy absorbing material. This high-tech material allows a visible light transmission of an amazing 48%. The outer surface of the shield comes with DHK's proprietary material Silicote™-1 scratch resistant coating (up to five times longer product life) and the inner surface has a permanent anti-fog coating. The fabric system has an arc rating (ATPV) of 43 cal/cm² and the hood has an arc rating (ATPV) of 49 cal/cm². DHK's ARC40 suit is the lightest weight garment in the market at this protection level. This accomplishment is part of Oberon's ongoing research and development for a safer workplace using high-tech materials.

Color : Green

Styles : Available in hood, coat, bib-overall, and coverall.

Sizes : S, M, L, XL, 2XL, 3XL, 4XL & 5XL. Special sizing or alterations are optional and available upon request. For detail sizing information consult our sizing charts.

Standards : Complies with NFPA 70E-2004 and ASTM F1506-02a. Tested according to ANSI Z87.1-2003, ASTM F1959-04 and ASTM F2178-02.

Use : DHK's ARC40 suit is designed to provide protection from arc flash heat exposures. According to NFPA 70E Hazard Risk Category (HRC) levels, this garment exceeds the HRC4 required minimum of 40 cal/cm². Be aware that the arc rating (ATPV) given to fabrics and faceshields is based on the results of sufficient heat transfer through the FR fabrics and faceshields to indicate a 50% probability of a second-degree burn based on the Stoll curve. Consult the ARC40 label or the DHK Burn Injury Reduction Guide (BIRG) for reduced probability of a burn injury. Always perform a hazard analysis and use higher protection than the hazard you are facing.

Cleaning Instructions & Maintenance : All garments should be free of contaminants. Flammable contaminants can reduce protection level. Always keep hood window clean for the best vision. The faceshield can be cleaned with water and mild soap. Garments can be machine washed with detergent and tumble-dried.

DHK International Inc.

Laguna Hills, CA 92653

Phone: (949) 588-1170 Fax: (949) 588-0996

Email: dhkmedical1@dhki.com, Website: www.DHKI.com