# DNC INHERENT PPE1 (HTC1) & PPE2 (HRC2) SHIRTS

# 3441



## Inherent FR PPE1 2T Light Weight Shirt

**Fabric:** 180gsm Supa Soft & Cool 61% Modacrylic, 30% Cotton, 5% Para-aramid, 3% Lyocell, 1% Anti-Static Inherent FR Fabric

2 tone front & back, open front with FR nylon press studs & concealed snap closure. Gusset sleeves, under arm & upper back FR mesh venting. Twin chest shaped flap pockets with FR Nylon press studs, 2-piece structured collar, 2-way radio loops, FR thread, twin chest flap pocket with FR Nylon press studs, FR printed outer label. No metal components

.

**Size:** XS-6XL

**Colour:**

## FEATURES:

**SUN Protection UPF 40+ - 50+**
DNC garments are tested for UPF (ultraviolet protection factor) in accordance with AS 4399:2020. The level of protection varies depending on the fabric and colour of the garment. 15+ good protection, 30+ / 35+ very good protection, 40+ / 50+ excellent protection.

**Hi-Vis Day Fabric & Design AS/NZS 4602.1:2024 – ORANGE ONLY**
DNC Hi-Vis garments are manufactured to comply with new Hi-Vis standard Class F AS/NZS1906.4:2023, Class D AS/NZS 4602.1:2024 to meet the requirements of Hi-Vis safety standards for both Hi-Vis Fabric & Design of garments, (Section 6.4) day use.

**Hi-Vis D/N Fabric & Design AS/NZS 4602.1:2024**
DNC Hi-Vis garments are manufactured to comply with new Hi-Vis standard Class F AS/NZS1906.4:2023, Class D/N, AS/NZS 4602.1:2024 to meet the requirements of Hi-Vis safety standards Hi-Vis Fabric & Design of garments, for day and night use.

**COOL- BREEZE Airflow Vents**
DNC Cool-Breeze airflow cooling system removes sweat and body heat through innovative under-arm vents, upper back, or vertical vents.

**Carbon grid Anti-Static**
The latest technology is used in the production of DNC Flame Resistant and Carbon grid 280gsm “3 layer bonded into 1” 99% Polyester/PU, 1% Anti-Static Carbon, breathable waterproof & inherent FR fabric rain jacket & pants, comply with EN ISO 14116:2008 for FR & BS EN1149-5:2008 for Anti-Static. DNC cotton garments containing no metal buttons/zip are also classified under Anti-Static garments.

**Environmentally Friendly Green Dye Oeko-Tex Standard 100 Safe to wear against the skin**
All DNC garments use the Green Dye only, except for the Patrol Saint Flame Retardant range. All DNC garment fabric fully complies with Oeko-Tex standard 100 Class II for products with direct contact to the skin in which prohibited to use aromatic amines, sensitizing dyes and cancer risk dyes. Green Dye should meet the following conditions: Does not contain harmful or non-aromatic amine; dye itself, non-carcinogenic, sensitization, acute toxicity; the use of formaldehyde and, after extraction of heavy metals in the following limits; non-environmental hormone; non persistent organic pollutants; does not produce pollution of the environment harmful chemicals; not produce chemicals that pollute the environment; colour fastness and superior to disable the use of dyes.

**ISO 11612:2015 (FR)**
This clothing is intended to protect the wearer against small splashes of molten metal, short contact with flames, radiant heat from electric arcs, protection for welding and allied processes. It can minimize the possibility of electrical shock by short-term, contact with live electrical conductors up to approximately 100 VDC (Sweat, soiling or other contaminants can affect protection levels).

**ISO 14116:2015 (FR)**
Specifies the performance requirements for the limited flame spread properties of all material assemblies and protective clothing to reduce the possibility of the clothing burning when in occasional and brief contact with small flames and constituting a hazard.

**NENS09:2014**
Selected by Energy Networks Australia, use and maintenance of Personal Protective Equipment (PPE) used to protect people against electrical arc hazards within the Electricity Supply Industry. The recommended minimum ATPV for base garments is PPE (HRC 1) -- 4cal/cm2, and all opening/buttons/press studs/zippers are covered by FR fabric.

**PPE1 ATPV: 4+ Cal/cm²**
NFPA 70E / ASTM F1959 - Electrical Safety in the Workplace - Personal Protective Equipment (PPE) Category 1, PPE1(HRC1) min ATPV 4 Cal/cm2.