

# DEVOLD® SHIELD

## FLAME RETARDANT WOOL / LENZING BLEND

DEVOLD® SHIELD – is a collection of underwear and mid-layer suitable for working environment where you handle electricity, gas, heat and flame. Shield is knitted of FR® Lenzing and merino wool, with reinforcements in polyamide. In addition, Nega-Stat® is implicated. Nega-Stat® is a special yarn which gives the garments optimal antistatic protection. Shield also protects against arcing and electrical flashover. The garments are terry knitted and there is therefore a layer of air between the body and the garment that insulates against both cold and heat.



SHIELD pants - GP 173 129 A 950A

MATERIAL 49 % Lenzing FR® / 39 % Merino wool  
10 % Polyamide / 2 % Nega-stat®

STRUCTURE Terry

WEIGHT 280 g/m<sup>2</sup> +/- 10%



TEST	RESULT	REQUIREMENT
① Limited flame spread: EN 15025-A1	Pass	Pass
② Convective heat: EN 9151	B1	B1
③ Radiant heat: EN 6942	C2	C1

ARC RESISTANCE TEST: EN 61482-1-2

ELECTROSTATIC PROPERTIES: EN 1149-5

### TEST FOR FLAME RETARDANT PROPERTIES

**EN 11612:** Standard describing requirements for protective clothing for workers exposed to heat and flame. Test descriptions and certificates at [www.devold.com](http://www.devold.com).