Technical Data Sheet

POLYTECH PLUS TROUSERS

Brand / manufacturer	SIR Safety System
Product category	HIGH VOLTAGE PROTECTION CLOTHING
Product codes	44 — SKU: 35302-44 46 — SKU: 35302-46 48 — SKU: 35302-48 50 — SKU: 35302-50 52 — SKU: 35302-52 54 — SKU: 35302-54 56 — SKU: 35302-56 58 — SKU: 35302-58 62 — SKU: 35302-62 60 — SKU: 35302-60

Product description

SIR Safety System Polytech Plus multi-protection FR antistatic trousers, Class 2 arc flash.

Size: 44, 46, 48, 50, 52, 54, 56, 58, 62, 60.

Key benefits

- Inherently flame-resistant two-layer fabric: permanent protection that won't wash out
- Antistatic, with resistance to flames, heat and chemicals
- Zip fly with button; two front welt pockets; two leg Velcro-flap pockets (one with phone pocket)
- Knee reinforcement; reflective band on legs

Specifications

Outer	65% Lenzing FR®, 22% aramid, 12% polyamide, 1% antistatic, 250 g/m²
Inner	64% Lenzing FR®, 35% aramid, 1% antistatic, 145 g/m²
EN ISO 11612	A1 A2, B1, C1, D1, E1, F1
Other standards	EN ISO 11611 Class 1; EN 1149; EN 13034 Type 6; EN 61482-1-1 ATPV 21.9; EN 61482-1-2 Class 2 (7 kA)
PPE category	Cat. III

Wear with the matching jacket. Per IEC 61482-2 A.2, wear with non-melting under-garments such as SIR Carboflame undershirt 35285 and underpants 35286.

Information source

Russmill Safety product listing — https://www.russmillsafety.com/products/polytech-plus-trousers (listing notes product information supplied by the manufacturer, SIR Safety System)

Prepared by Russmill Safety from publicly available manufacturer information and our product listing. This is not the manufacturer's original publication. For legally required safety data, use the manufacturer's official Safety Data Sheet.

Prepared by Russmill Safety · November 2026

Supplier / distributor contact

Supplier / distributor	Russmill Safety
Store	A1 Queen’s Highway, Suite 2–3, Freeport, Grand Bahama F42190, The Bahamas
USA warehouse (fulfilment)	1526 NW 23rd Avenue, Fort Lauderdale, FL 33311
Phone	Bahamas customer service +1 242 351 7623 · USA +1 954 333 8542 · Freeport store +1 242 688 3336
Email	customerservice@russmillsafety.com (customer service) · sales@russmillsafety.com (sales enquiries)
Website	https://www.russmillsafety.com