



**ISO 11611 PROTECTIVE CLOTHING FOR USE IN
WELDING AND ALLIED PROCESSES
TEST METHODS AND REQUIREMENTS**

| | |
|---|---|
| Check of the design | ISO 11611 part 4 |
| Check of the ergonomic features | EN ISO 13688 |
| Check of size designation | EN ISO 13688 |
| pH-value (textiles) | ISO 3071 |
| pH-value (leather) | ISO 4045 |
| Chromium VI content | EN ISO 17075 |
| Pretreatment: Washing and drying | EN ISO 15797 (industrial) or EN ISO 6330 (domestic) |
| Dimensional change due to cleaning | ISO 5077 after 5 cycles |
| Tensile strength (woven fabric) | EN ISO 13934-1 in warp and weft direction after pretreatments |
| Tensile strength (leather) | ISO 3376 in two direction |
| Tear strength (woven fabric) | ISO 13937-2 in warp and weft direction after pretreatments |
| Tear strength (leather) | ISO 3377-1 in two direction |
| Seam strength | EN ISO 13935-2 after pretreatments |
| Limited flame spread – surface ignition (Code A1) | ISO 15025 Method A after pretreatments |
| Limited flame spread – edge ignition (Code A2) | ISO 15025 Method B after pretreatments |
| Limited flame spread – seams – surface ignition (Code A1) | ISO 15025 Method A after pretreatments |
| Limited flame spread – seams – edge ignition (Code A2) | ISO 15025 Method B after pretreatments |



**ISO 11611 PROTECTIVE CLOTHING FOR USE IN
WELDING AND ALLIED PROCESSES
TEST METHODS AND REQUIREMENTS**

| | |
|--------------------------------------|-----------------------------------|
| Burst strength for knitted materials | ISO 13938-1 after pretreatment |
| Impact of spatter | ISO 9150 after pretreatment |
| Heat transfer (radiation) | ISO 6942 after pretreatment |
| Electrical resistance | EN 1149-2 after pretreatment |