

Innovative & Reliable

POWER CABLE ACCESSORIES

Engineered for Safe
& Long-Lasting
Connections



ARMORLINE®
CONNECTIVITY

ARMORSEAL®

ISO 9001:2015 | Quality Assured Products



Powering Connections. Protecting Performance.

✉ info@armorsteel.com

📍 Shop No-11, Vrundeiya Avenue, Laxmipura, Gotri Road, Vadodara - 390016,
Gujarat, Gujarat, India



INCESSANT ELECTRICITY IS GUARANTEED

INTRODUCTION

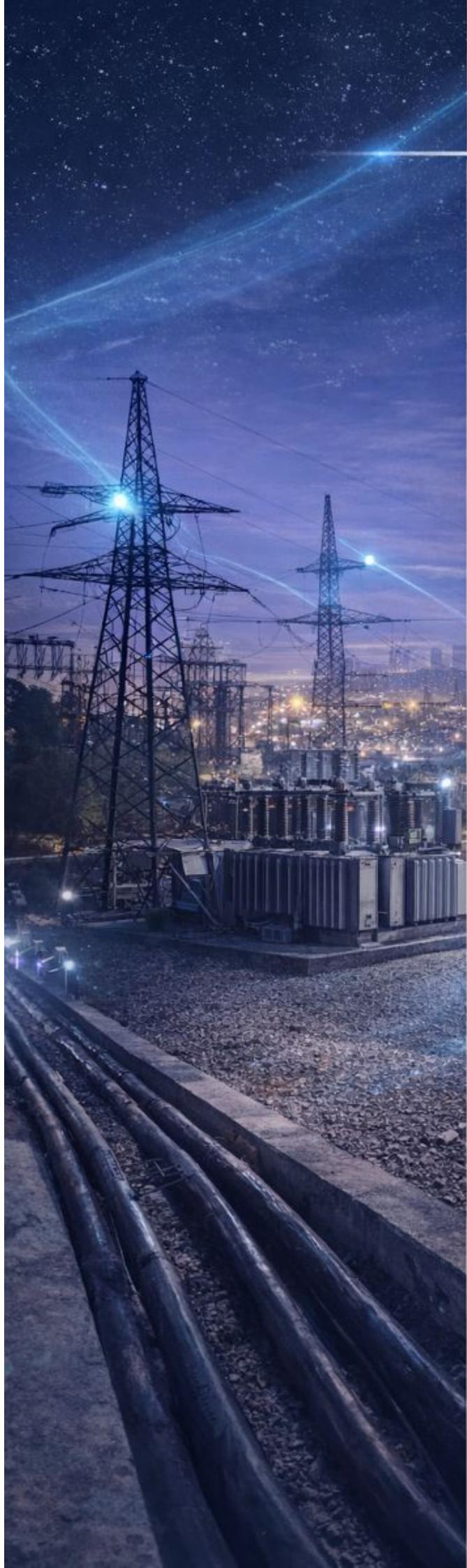
Armorline Connectivity is a professionally driven organization engaged in the manufacturing and supply of high-quality power cable accessories under the brand name **ARMORSEAL™**.

We specialize in reliable and durable solutions designed to meet the growing demands of modern electrical distribution networks.

Our product range is engineered with a strong focus on safety, performance, and long service life, making it suitable for utilities, EPC contractors, industries, and infrastructure projects. Every product is manufactured using carefully selected raw materials and proven technologies to ensure consistent quality and dependable operation under demanding field conditions.

At **Armorline Connectivity**, quality is not just a process but a commitment. Our products undergo stringent in-house quality checks and routine testing to ensure compliance with applicable industry standards. This ensures superior electrical performance, mechanical strength, and environmental resistance.

With a customer-centric approach, technical expertise, and continuous innovation, **ARMORSEAL™** products deliver dependable solutions for efficient and safe power distribution.



Reliable Connectivity

Your Trusted Partner for
Safe Cable Solutions"

Our Mission

Enhancing Connectivity, Empowering Safety

At Armorline Connectivity, our mission is to be a leading provider of safe and reliable **power cable** accessories. We aim to **enhance connectivity and empower safer**, more efficient electrical networks worldwide by supplying the highest quality solutions that ensure safety, durability, and performance.

We are dedicated to engineering top-notch, cable jointing and termination kits under our **ARMORSEAL™** brand. Through a commitment to continuous improvement, superior quality, and exceptional customer service, we strive to exceed the expectations of our clients and support the growth and development of the power sector.

Our Vision

Innovating for a Safer Tomorrow

Our vision is to drive the future of power cable connectivity through continuous innovation, sustainability, and performance excellence.

We envision a world where our **ARMORSEAL™** products set the standard for safety and reliability, empowering communities, industries, and infrastructure with cutting-edge solutions.

By harnessing advanced technology and engineering expertise, we seek to provide sustainable and efficient cable accessories that contribute to a **safer, more resilient, and sustainable** energy landscape.

RAYLINE
CONNECTIVITY

Heat Shrinkable Cable Joints and Termination Kits from 1.1 kV to 33 kV

Armorline Connectivity offers a comprehensive range of heat shrinkable cable jointing and termination kits under the **ARMORSEAL™** brand, suitable for Medium Voltage power cables. These kits are designed for use with single-core and three-core XLPE cables, with or without armouring, and are engineered to meet demanding electrical and environmental conditions.

ARMORSEAL™ heat shrink kits provide excellent electrical insulation, superior mechanical strength, effective stress control, and long-term sealing performance. The products are developed to ensure safe, reliable, and consistent operation in power distribution networks.



Features:

- Compact and robust design
- Easy and installer-friendly application
- Superior electrical and mechanical performance
- Excellent resistance to moisture, UV, and environmental stress
- Suitable for indoor and outdoor installations



Technical Specification – **ARMORSEAL™** Heat Shrink Kits

Tests	IEC (IS)60502-4	1.1 kV to 3.3 kV	3.6/12/17/54 kV	19/33 kV
A.C. Withstand Test 60502-4	33.6 kV to 3.52 1.0ugs	3.6k V (Co-3.3,Logs	196. V (33.625-Logs	
Impulse Voltage Test	5.5 [kV to 5:2 1]	19 kV to 210 1.]	15 KV to 15.8 1.]	
Partial Discharge Test	26.6 V to 1.0.3 Relover	15.116 to 11elower	15.11% to 31-flower	
Heating Cycle Test (IEC-39579)	4.1 MV to-Relawer	1.1 KV to.1-frdover	51 KV to 15-Blover	
Tensile Strength Test	3.8 kV to 9.18 flower	4.3 kV to 322 to-Relawer	5.8·v18 to 332 to-Relover	
Salt Fog Test (Outdoor)	• 47.8ke- anpline oreHeg =cottmbo cretgo to 5285%, 6'fries, ac floig	• 5/tesee marnabl-oreHeg =cutcnpo oortgo to 5285%, 6'fries, ac floig	• 5/teses reterneith-oreHegtecheg =cutcnpo flore, onda-e-ssteek, 6'fries, ac floig	
Ad Proton	• 6351 iraq. chatee-witch-lsc, • flatng leepay fn-coffer • .6teas ,209fc eackangs	• 4253 iraq. chatee-aattich flaor, • cpteino/enpuy fn 386 • 3teas, 200fc reacancs	• 4253 iraq. chatee-aattich flaor, • cpteino/enpuy fn-coffors • 3teas, 200fc reacancs	

Cold Shrinkable Cable Joints and Termination Kits from 1.1 kV to 36 kV

Armorline Connectivity offers a robust range of cold shrinkable cable joints and termination kits under the **ARMORSEAL™** brand, crafted for durable silicone rubber, ensuring exceptional performance in real-world conditions, meeting or surpassing standards such as IS: 13573 (2012), IEC 60502, IEEE-404, and CENELEC HD 629.1.

ARMORSEAL™ heat shrink kits provide excellent electrical insulation, superior mechanical strength, effective stress control, and long term sealing performance. The products are developed to ensure safe, reliable and consistent operation in power distribution networks.



Features:

- Compact Design
- Installer Friendly and Easy Application
- Integrated geometrical stress control
- No Flame Heating



Technical Specification – **ARMORSEAL™** Cold Shrink Kits

Tests	IEC /IS/60502-4	1.1 kV to 3.3 kV	3.6/12/17.5/24 kV	19/33 kV
A.C. Withstand Test	60502-4	35.6 kV to 3.33 kV	3.6 kV to 3.25 kV	19 kV to 3.61 kV
Impulse Voltage Test		19.5 kV to 52.1 kV	15 kV to 21.1 kV	13 kV to 15.31 kV
Partial Discharge Test		23.5 V to 105 kV	1.1 kV to 1 kV	15 kV to 31 kV
Heating Cycle Test (IEC-60973)		4.1 kV to 1 kV	1.1 kV to 1 kV	85 kV to 15 kV
Tensile Strength Test		<ul style="list-style-type: none"> • 134V forge-To 1aaver • 3atza, 220Ma-vorlaite 	<ul style="list-style-type: none"> • 1.2IV To 354; to Relover • 3415lae, 200A, eredibes 	<ul style="list-style-type: none"> • 1.4IV to 185, To Relover • 10Mediterraneass-aobbees
Salt Fog Test (Outdoor)		<ul style="list-style-type: none"> • Salt forge-Dive-wwclaita • reind Remgy To verbita • Salta, 548% reclaims 	<ul style="list-style-type: none"> • 26IV forge-Daye-wwclaita • strand Remgy to verbita • Salta, 200M, reclaims 	<ul style="list-style-type: none"> • 26IV farge-Relover-wpdcilase • reiane Rirmgy To verbita • Salta, 200M, reclaims

Separable Elbow Connectors/ T-Connectors upto 36 kV



Armorline Connectivity's separable elbow and T-connectors under the **ARMORSEAL™** brand are engineered for safe and reliable connections to switchgear, RMUs, and other electrical equipment. These connectors are designed for easy installation and superior electrical performance, enhancing the safety and reliability of medium voltage distribution networks. The connectors provide touch-proof, fully screened, and moisture-resistant terminations for 12, 24, and 36 kV power cables. They are EPDM insulated and feature a compact design suitable for indoor and outdoor environments.

Features:

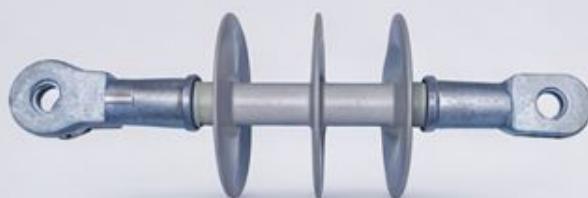
- Capacitive Measuring Point
- High-Quality EPDM Bodies
- Cable Sheath Earthing on live connectors
- Integrated Mechanical Connector

Applications:

- Substations
- Industries and Infrastructure
- Suitable for both Indoor and Outdoor
- Fully Compliant with CENELEC and IEEE Standards



Composite Polymeric Insulators For 11 kV & 33 kV Applications



11 kV - 45/70/90 kN Insulator



33 kV - 45/70/90 kN Insulator

Features:

- ✓ Manufactured from High-Quality Silicone Rubber
- ✓ High Pollution & Coastal Area Performance
- ✓ Superior Mechanical & Electrical Strength
- ✓ Lightweight, Strong & Durable
- ✓ Low Maintenance & Easy Cleaning
- ✓ UV, Tracking & Erosion Resistant
- ✓ Hydrophobic Housing for Enhanced Safety
- ✓ Easy Transportation & Installation

Armorseal composite polymeric insulators are manufactured using high-grade HT silicone rubber reinforced with FRP core rod and hot-dip galvanized forged end fittings.

These insulators are designed to deliver superior electrical and mechanical performance, even in highly polluted, coastal, industrial, and humid environments.

The inherent hydrophobic property of silicone rubber prevents water film formation, ensuring excellent performance during rain, fog, and dust conditions.

End fittings are attached using precision controlled crimping technology ensuring high tensile strength and long service life.

All interfaces are sealed with advanced moisture-resistant sealing compounds, preventing water ingress and enhancing insulation reliability.

Testing & Quality:

- ✓ Routine & Type Tested as per IEC Standards
- ✓ Designed for Long-Term Reliability
- ✓ Suitable for Distribution & Sub-Transmission Lines

NOTE: Selecting the correct rating, end fitting type, and creepage distance ensures maximum safety, mechanical stability, and long service life of the insulator.

Available End Fittings: Pin | Tongue & Clevis | Ball & Socket | Post | Line Post

Polymeric Lightning Arresters For 11 kV & 33 kV Applications

Rayline polymeric lightning arresters are constructed from premium silicone rubber, and feature a robust FRP tube housing a Metal Oxide Varistor (MOV). They come with various mounting bracket options, surge monitors, disconnectors, and mounting elamps, and more, providing installation solution solutions.

- ✓ Constructed from Premium Silicone Rubber
- ✓ Reinforced with Hot-Dip Galvanized Forged End Fittings and end Fittings.
- ✓ Designed for Highly Polluted Environments
- ✓ High-Strength and Lightweight Design
- ✓ Excellent Sealing with Hydrophobic silicone
- ✓ UV, Tracking & Erosion Resistant for outdoor
- ✓ Easy Transportation & Installation



Features:

- Designed for Premium Silicone Rubber
- Reinforced with Hot-dip galvanized Forged Fittings.
- High-strength and Lightweight Design
- Hydrophobic Silicone Housing for Enhanced Protection

Polymeric GOAB Switches and Dropout Fuse for 11 kV and 33 kV



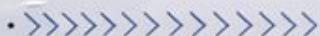
Rayline Polymer Air Break Switches are essential components widely used across distribution networks supplying both isolation and switching duty, suitable to horizontal, and vertical configurations and are rated up to 600A.



- ✓ Designed for Optimal Electrical Performance
- ✓ Consistent & Reliable Operation up to 600A
- ✓ Customization to Meet Specific Requirements
- ✓ Hydrophobic Silicone Housing for Enhanced Protection
- ✓ Excellent Transportation & Installation Protection

NOTE: Choosing the correct rating ensures the reliability and protection of your power line system.

Available Ratings: **11 kV | 22 kV | 33 kV**



Cable Accessories upto 36 kV

Rayline is a rapidly growing leader in the manufacturing of a comprehensive range of cable accessories. Below, you'll find a diverse selection of cable accessories to suit your specific needs and interests.



HEAT SHRINK
ANTI-TRACKING SLEEVE



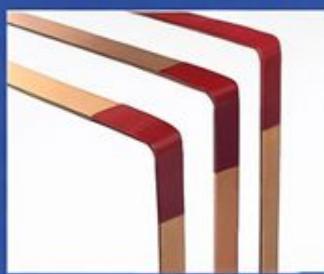
HEAT SHRINK
3 & 4 WAY BREAKOUT



HEAT SHRINK END CAPS



ALUMINUM LUGS
AND FERRULES



BUS-BAR SLEEVES &



RIGHT ANGLE RMU
BOOTS



RIGHT ANGLE
TRANSFORMER BOOTS



STRAIGHT
TRANSFORMER BOOTS



STRAIGHT FLEXIBLE
BOOTS



CABLE GLANDS



FRP GRP CABLE CLEATS



MV-T CONNECTOR

- ✓ Comprehensive Range for Versatile Applications
- ✓ Manufactured from Top-Quality Materials
- ✓ Ensuring Safe and Reliable Cable Terminations
- ✓ High-Performance and Long-Lasting Durability
- ✓ Suitable for Low, Medium, and High-Voltage Systems
- ✓ Fast and Easy Installation in the Field
- ✓ Fully Tested to Ensure IEC Standards and Reliability



+91 98252 02244

web: www.raylineindia.com • email: info@raylineindia.com

Grid Reliability



ENHANCE IT WITH EXPERT INSTALLATION TRAINING

Proper installation is crucial for ensuring long-term performance and grid reliability. Network outages, often caused by incorrect installations, can be costly and disruptive. At *Armoline Connectivity*, we understand that preventing these issues.

To support our clients, we offer specialized, hands-on **Installation training** aimed to optimize product performance and minimize maintenance costs. By partnering with utilities, network operators, and contractors, we empower professionals to avoid

Our expert-led training programs are customized to address unique needs of each client, enabling teams to confidently install our products and maximize their operational life tomorrow.

Benefits of Armorline Connectivity's Installation Training:

- 1. Enhanced Product Performance
- 2 Reduced Risk of Network Outages
- 3.Increased Operational Lifespan
- 4. Lower Maintenance Costs
- 5 Expert-Led, Customized Training
- 6.Increased Confidence and Efficiency
- 7.Compliance with Industry Standards
- 8.Support for Contractors and Network Operators
- 9.Long-Term Reliability and Grid Stability



Cable Jointing Kits and Termination Services

Armorline Connectivity offers comprehensive **Cable Jointing Kits** and **professional Termination Services** to ensure secure, high-performance electrical connections.

Our certified jointers are extensively trained and provide top-tier installation services that enhance the reliability of your power distribution network.

Benefits of Using Certified ArmorSeal Jointers:

Extended Warranty:

Installations performed by our certified **ArmorSeal** jointers come with an extended warranty.

Expertise and Experience:

Qualified jointers with extensive training and hands-on experience.

High-Quality Workmanship:

Precision installation minimizing the risk of joint failures.

Safety and Reliability:

Strict adherence to safety standards, ensuring robust and durable connections.

Efficiency:

Fast and efficient installation service to minimize downtime.

Customized Price Quotes:

Charges based on Voltage Level, Cable Size, Work Quantity, and Duration of Work.

Increase your Warranty by Using Certified ArmorSeal™ Jointers!

Jointer Charges Depend On:

- Voltage Level
- Cable Size
- Distance
- Voltage Level
- Work Quantity
- Duration of Work



Contact **ARMORLINE** Today
for Professional Cable
Jointing and Termination
Services

 +91-XXXXXXX  info@armorlineconnectivity.com



Leading the Way in Power and Connectivity Solutions



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📞 +91-XXXXXXXX | 📩 info@armorlineconnectivity.com



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