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POLYGUARD PIPELINE DIVISION UNWRAPS IRO HD

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Staying true to its “Innovation Based” heritage Polyguard has introduced a Heavy Duty extension of their IRO (Impact Resistant Outerwrap) product – patent number 8522827 or best known as Polyguard IRO HD. This new addition to the Polyguard Pipeline portfolio will have a darker color, almost black, as opposed to the white coloring of its predecessor.

Both the IRO and IRO HD are Fiber-Reinforced Composite Mechanical Protection Systems that provide superior mechanical protection, eliminating coating damage to field joints on directionally drilled pipelines, boring, or areas where severe backfill conditions are present. Being moisture cured, no UV light or heating is required.

Polyguard IRO has also been proven to work in conjunction with a cathodic protection (CP) system so it can be utilized in accordance with DOT and PHMSA codes. However, the key benefit that sets these products apart is their ability to be applied over coatings such as RD-6, Fusion Bond Epoxy (FBE), liquid epoxies, or any other coatings.

The simple application of this system with controlled set times allows for speedy coating protection and backfill while also giving the most effective results of any IRO or ARO in the market. Having this IRO allows pipeline operators to apply girth weld coatings at their ideal thickness to achieve the best performance with their corrosion barrier, rather than increasing those thicknesses and losing properties such as flexibility or impact resistance. Traditional coatings are not ideal for uneven surfaces that will be installed by manners as harsh as horizontal directional drilling. By using a composite material which incorporates fibers you can improve flexibility, gouge, and abrasion resistance all while maintaining the effectiveness of the resin. This system should be utilized as a protective layer for all field joints that are installed by a trenchless method and will or could potentially impact a high consequence area (HCA) such as a road, building, populated area, or a body of water.

Founded in 1953, **Polyguard Products** specializes in products which protect surfaces and structures from moisture, water, or other undesired substances. Polyguard is an industry leader in the production self-adhesive protective coatings for engineering and construction. Polyguard is also a 100% employee-owned ESOP with 25 consecutive years of sales growth.

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If you would like more information about this topic, please contact JC Cody at 214-515-5000 or email at Jcody@polyguard.com.