

Eaton Braided Hydraulic Hose Weatherhead H290 - Series



Overview & Features

H290 is a two-wire braided hydraulic hose with a diverse range of uses in the hydraulics market.

Features

- Meets or exceeds hose specifications and agency ratings; SAE 100R2AT Type S, EN853 2SN, ISO 1436-1 Type 2SN, DNV, ABS, MSHA
- WeatherSHIELD cover provides much higher abrasion resistance leading to longer hose life
- Eaton's WeatherMATCH program provides identification markings on the hose, hose fittings, and crimp dies for quick and easy assembly

Where Used



Mining, metals and minerals

Platforms:

- Conveyors
- Excavator
- Mobile Crusher
- Off-Highway Dump Truck
- Stationary Crusher
- Wheel Loader

Applications:

- Applications with 100R16 pressure and below



Mobile machinery and equipment

Platforms:

- Aerial Work Platforms (Scissor & Boom)
- All hp
- Application Equipment
- Backhoe Loader
- Balers
- Combines
- Compactor
- Crane
- Crawler Dozer
- Cultivation Equipment
- Defoliating Equipment
- Delimers
- Excavator
- Feller Bunchers
- Forwarders
- Irrigation
- Irrigation Systems
- Lift Trucks
- Loaders
- Mowers
- Paver
- Row Crop Planters
- Self-Propelled Forage Harvesters
- Self-Propelled Sprayers
- Self-Propelled Windrowers
- Skid Steer Loader
- Skidders
- Specialty Equipment/Debris



Oil and gas

Platforms:

- Drill Systems
- Drilling Operations
- Hoisting Systems

Applications:

- Applications with 100R16 pressure and below



Vehicles

Platforms:

- Dump
- Refuse Truck
- Transit Mixer
- Wrecker/Recovery

Applications:

- Applications with 100R16 pressure and below

- Specialty Harvesting
- Stump Grinders and Wood Chippers
- Telehandler
- Tractors - 2WD:
- Tractors - 4WD:
- Tree Harvesters
- Trimming Equipment
- Utility Vehicles
- Wheeled Loader
- Yarders

Applications:

- Applications with 100R16 pressure and below
- Compactor

Value Propositions

★ = Denotes point of differentiation

Value Proposition Statement	Audiences		
	OEM	Distributor	End User
Diamond Advantage hoses are important because they have distinct competitive advantages over the competition on pressure, temperature and abrasion resistance			
Increased hose assembly life and reduced machine maintenance cost			
Higher hose pressure ratings than required in an application will increase the life of a hose assembly			
★ H290 exceeds SAE 100R2AT pressures by an average of +44%			
★ H290 exceeds EN853 2SN pressures by an average +23%			
★ +23% higher temperature rating of 127°C (260°F) versus SAE 100R2 specification of 100°C (212°F)			
★ 3 year warranty on all Diamond Advantage hose assemblies			
Inventory simplification and reduced inventory carrying cost			
Extremely diverse range of applications requiring higher operating pressures and higher temperatures			
Over 550 part numbers available with qualified Z-Series hose fittings			
Quick and easy assembly through WeatherMATCH hose assembly process			
Reduces the chance of matching and mating errors			
Reduces training time to build a hose assembly			
Reduces the time to produce a hose assembly through color coordinated identifiers on the hose, hose fittings and crimp tooling			

Tools & Collateral

Brochure

[Eaton Weatherhead Diamond Advantage Sales](#)

[Eaton WeathMATCH 4-Step Hose Assembly Program](#)

[Eaton Weatherhead Diamond Advantage Technical](#)

Catalog

[Eaton Weatherhead Hose Assembly Master Catalog - North America](#)

