EATON | Weatherhead

H464, EN856 4SH

High Pressure Spiral Hose
Innovation Sheet

High Pressure 4-Wire Spiral Hose Construction

H464 hose is a 4-wire spiral hose, qualified to the demanding EN856 4SH performance standard. This hose is uniquely suited for drilling applications requiring high-pressure spiral hose in a compact 4-spiral construction.

To achieve truly world class performance with H464, a world-class fitting was needed. The Weatherhead 4SPW series fitting design is just that fitting. With one-piece, no-braze technology and through-the-cover assembly, these fittings provide unsurpassed reliability and long lasting performance.

H464 hose is available in the standard bulk 50 ft. or 100 ft. cut and coiled lengths.

Features

- Available in 3/4", 1", 1-1/4", 1-1/2", and 2" inner diameters
- All sizes are qualified with 4SPW fittings
  - No-braze fittings
  - Pre-crimped socket
  - Through-The-Cover assembly
  - Non-leaded steel
  - Multitude of terminal ends and configurations
- -32 API male pipe thread available
- 4-wire spiral wire construction in all sizes

Applications

Perfect for hydraulic system service with petroleum and water-based fluids requiring premium pressure performance and durability. This hose is well suited for injection mold and drill rig applications.

Benefits

- High pressure, compact 4-wire construction
- Large hose and fitting size offering for every application
- Easy to assemble through-the-cover fittings require no skiving
- Heavy duty construction for heavy duty applications
- Stronger design, one-piece nipples use no-braze technology
- Pre-crimped socket means simple, easy fitting selection

H464
Four-Wire Spiral Hose Construction
EN856 Type 4SH

PART NUMBER	HOSE I.D.	HOSE O.D.	MIN BEND RADIUS	MAX OPER. PRESSURE	MIN BURST PRESSURE	OPERATING TEMP.	PERFORMANCE SPECIFICATION
H46412	3/4"	1.27	11.00	6090	24360	-40 to +212	Type 4SH
H46412-100	3/4"	1.27	11.00	6090	24360	-40 to +212	Type 4SH
H46416	1"	1.51	13.38	5510	22040	-40 to +212	Type 4SH
H46416-100	1"	1.51	13.38	5510	22040	-40 to +212	Type 4SH
H46420	1-1/4"	1.79	18.11	5075	20300	-40 to +212	Type 4SH
H46420-100	1-1/4"	1.79	18.11	5075	20300	-40 to +212	Type 4SH
H46424	1-1/2"	2.11	22.05	4350	17400	-40 to +212	Type 4SH
H46424-100	1-1/2"	2.11	22.05	4350	17400	-40 to +212	Type 4SH
H46432	2"	2.68	27.56	3625	14500	-40 to +212	Type 4SH
H46432-100	2"	2.68	27.56	3625	14500	-40 to +212	Type 4SH

HOSE	CONSTRUCTION MATERIALS	REINFORCEMENT	FITTINGS
H464	Synthetic Rubber Tube and Cover	4-Wire Spiral	4SPW

WARNING: It is important to use the correct fitting with any hose product to ensure a proper connection. Only use the fittings suggested by Eaton for this hose product. Mixing fittings and hose by different manufacturers can lead to an unstable connection, due to differences iin manufacturing techniques and tolerances. Such connections can fail and have the potential to spray and cause personal injury or property damage.

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