

SDX S2

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Type no: 720

Characteristics

- Non alloyed copper coated solid wire electrode for submerged arc welding
- For mild and medium tensile steels
- Suitable also in combination with Silicon and Manganese alloying fluxes
- Recommended fluxes: Hobart SWX 110, SWX 120, SWX 130, SWX 135 and SWX 140
- Storage: Product should be stored in a dry, enclosed environment and in its original intact packaging

Classification

EN ISO / AWS

EN ISO 14171: S2

AWS A5.17: EG (~EM12)

Chemical Composition - Typical Values

%C	%Si	%Mn	%P	%S	%Cr	%Ni	%Mo	%Cu	%Al
0.10	0.11	0.97	0.010	0.011	0.05	0.05	0.02	0.04	0.01

Recommended Fluxes - Standard Packaging and Item numbers

Package	SWX 110	SWX 120	SWX 130	SWX 135	SWX 140
25 kg (55 lbs) Al Bag EAE	110022500H	120022500H	130022500H	135022500H	140022500H
1000 kg (2200 lbs) Double Bag	110071T00H	120071T00H	130071T00H	135071T00H	140071T00H

Standard Diameters, Packages and Item numbers - Outside North America

Package	2.0 mm (5/64")	2.4 mm (3/32")	3.2 mm (1/8")	4.0 mm (5/32")
25 kg (55 lbs) Wire basket K-415	7202010250	7202410250	7203210250	7204010250
100 kg (220 lbs) Wire basket K-570		72024221H0	72032221H0	72040221H0
454 kg (1000 lbs) Pay off drum		72024414F0	72032414F0	72040414F0
1000 kg (2200 lbs) Coil for spider		72024501T0	72032501T0	72040501T0

Customers Located Outside North America:

Refer to the table above for standard part numbers exclusive to locations outside North America. For a complete list of diameters and packaging, please contact the ITW Welding sales office at +46 (0) 31 787 5000 or e-mail subarc@itw-welding.com

Maintaining a proper welding procedure - including pre-heat and interpass temperatures - may be critical depending on the type and thickness of steel being welded.

TECHNICAL QUESTIONS? For technical support of Hobart Filler Metals products please visit www.hobartbrothers.com/where-to-buy to find your closest Hobart representative or send an e-mail to subarc@itw-welding.com for further assistance.

DISCLAIMER:

The information contained or otherwise referenced herein is for reference purposes only and is presented only as "typical." Typical data are those obtained when welding and testing are performed in accordance with applicable AWS and/or EN ISO specification(s). Other tests and procedures may produce difference results and typical data should not be assumed to yield similar results in a particular application or weldment. No data is to be construed as a recommendation for any welding condition or technique not controlled by ITW Welding. ITW Welding does not assume responsibility for any results obtained by persons over whose methods it has no control. It is the user's responsibility to determine the suitability of any products or methods mentioned herein for a particular purpose. In light of the foregoing, ITW Welding specifically disclaims any liability incurred from reliance on such information, and disclaims all guarantees and warranties, express or implied, including warranties of merchantability and fitness for a particular purpose, and further disclaims any liability for consequential or incidental damages of any kind, including lost profits.

CAUTION:

Consumers should be thoroughly familiar with the safety precautions on the warning label posted in each shipment and in the American National Standard Z49.1, "Safety in Welding and Cutting," published by the American Welding Society, 8669 NW 36 St, # 130, Miami, FL 33166-6672 (can also be downloaded online at www.aws.org); OSHA Safety and Health Standards 29 CFR 1910 is available from the U.S. Department of Labor, Washington, D.C. 20210.

Safety Data Sheets on any Hobart Brothers Company product may be obtained from Hobart Customer Service or at www.hobartbrothers.com.

Because Hobart Brothers Company is constantly improving products, Hobart reserves the right to change design and/or specifications without notice.

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Specification: PDS720 // **Type Number:** 720 // **Revision:** 4 // **Replaces:** 3 // **Approved By:** L.Andersson, P.Jeirud

Prepared By: I.Oziewicz // **Reason For Issue:** Format Standardization.