

## DAREX<sup>®</sup> PL 4019-20

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### PRODUCT DESCRIPTION

**DAREX<sup>®</sup> PL 4019-20** is a clear external protection lacquer for FAEOE's, standard ends and 3pc and 2pc drawn bodies. The material is a non-epoxy, modified polyester based formulation, not having BADGE and Bisphenol-A (BPA) intentionally added.

#### Product Characteristics:

Property	Value
Color of Liquid Coating	Colorless
Color of Cured Coating	Clear
Total Solids, (%) 12 min @ 200°C	43 ± 1

#### Typical Properties and Recommended Applications:

The following typical properties data is given for informational purposes only and is not to be interpreted as product or in-process specifications.

Property	Value
Application Method	Sheet Coating (Roller)
Substrate	ETP, ECCS, Aluminum
Stirring, (min.)	15 to 30
Application Viscosity, (s) ISO 6 mm @ 20 °C	55 to 100
Application Viscosity, (s) DIN 4 mm @ 20 °C	80 to 150
Thinner	TH 1010-35
Density, (g/cm <sup>3</sup> )	1.0 ± 0.02
<b>Single-Coat Application</b>	
Dry Film Weight, (g/m <sup>2</sup> )	4.0 to 6.0
Wet Film Weight, (g/m <sup>2</sup> )	9.3 to 14.0
Curing, (PMT)	10 min @ 200 °C

For detailed handling information see Technical Bulletin TB-022, "Best Practice for Solvent-Borne Can Coatings".

**DAREX<sup>®</sup> PL 4019-20** is suitable for both pasteurization and sterilization processes up to 60 min. 131 °C.

The application performance of the lacquer and its suitability for the required end use should be confirmed under given industrial line conditions.

#### Note:

The correct film weight, curing conditions and proper stirring are vital to achieve the maximum coating performance. It is recommended that all new applications be submitted to a pack test before use. We are at your disposal for advice on product usage.

#### Handling & Storage Recommendations:

- It is strongly recommended storing this product in the original, closed containers.
- For optimum performance this product should be used within **12 months of the manufacturing date**.
- Store under uniform **temperature conditions between 5 to 30 °C**, avoid wide temperature differentials.
- Do not store in direct sunlight.
- Viscosity increase during storage may result in the need to adjust viscosity prior to use.

#### Health & Safety Information:

For healthy and safety information, please refer to the product **Material Safety Data Sheet**. For environmental compliance status, information will be provided upon request. For information related to the food law compliance of this product, please refer to the food law statement, which will be provided upon request. Food law compliance may vary by region and this product may be restricted based on application or region.

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Reference 1.3