

**ENSINGER COMPLIANCE GUIDE
FOR MATERIALS INTENDED FOR FOOD CONTACT**

March 2018

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**Ensinger Compliance Guide for Materials Intended for Food Contact
March 2018**

PRODUCT	TECAPEEK® NATURAL
FDA COMPLIANCE	Ensinger extrudes Victrex® 450G PEEK™ resin which complies with the compositional requirements of FDA regulations 21 CFR 177.2415 for repeat contact with food.
USDA	Since the resin used to extrude this product complies with the FDA regulation it should be chemically acceptable to the USDA for repeat use applications in slaughtering, processing, transporting and storage areas in direct contact with meat or poultry products
NSF 51 FOOD EQUIPMENT MATERIALS	Not listed
NSF 61 DRINKING WATER SYSTEM COMPONENTS	Not listed
3-A Dairy	Ensinger extrudes Victrex® 450G PEEK™ Natural resin which complies with the criteria of 3-A® Sanitary Standards for Multiple-Use Plastic Materials Number 20-27
EU 10/2011 COMPLIANCE	Migration study available

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PRODUCT	TECAPEEK® BLACK
FDA COMPLIANCE	Ensinger extrudes Victrex® 450G PEEK™ black resin which complies with the compositional requirements of FDA regulations 21 CFR 177.2415 for repeat contact with food.
USDA	Since the resin used to extrude this product complies with the FDA regulation it should be chemically acceptable to the USDA for repeat use applications in slaughtering, processing, transporting and storage areas in direct contact with meat or poultry products
NSF 51 FOOD EQUIPMENT MATERIALS	Not listed
NSF 61 DRINKING WATER SYSTEM COMPONENTS	Not listed
3-A Dairy	Not Tested
EU 10/2011 COMPLIANCE	Contact Ensinger Technical Service

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PRODUCT	TECAPEEK® GF30 Natural
FDA COMPLIANCE	Ensinger extrudes Victrex® 450GL30 PEEK™ natural resin which complies with the compositional requirements of FDA regulations 21 CFR 177.2415 for repeat contact with food.
USDA	Since the resin used to extrude this product complies with the FDA regulation it should be chemically acceptable to the USDA for repeat use applications in slaughtering, processing, transporting and storage areas in direct contact with meat or poultry products
NSF 51 FOOD EQUIPMENT MATERIALS	Not listed
NSF 61 DRINKING WATER SYSTEM COMPONENTS	Not listed
3-A Dairy	Not Tested
EU 10/2011 COMPLIANCE	Contact Ensinger Technical Service

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PRODUCT	TECAPEEK® GF30 Black
FDA COMPLIANCE	Ensinger extrudes Victrex® 450GL30 PEEK™ black resin which complies with the compositional requirements of FDA regulations 21 CFR 177.2415 for repeat contact with food.
USDA	Since the resin used to extrude this product complies with the FDA regulation it should be chemically acceptable to the USDA for repeat use applications in slaughtering, processing, transporting and storage areas in direct contact with meat or poultry products
NSF 51 FOOD EQUIPMENT MATERIALS	Not listed
NSF 61 DRINKING WATER SYSTEM COMPONENTS	Not listed
3-A Dairy	Not Tested
EU 10/2011 COMPLIANCE	Contact Ensinger Technical Service

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PRODUCT	TECAPEEK® UD Blue
FDA COMPLIANCE	Ensinger extrudes The resin used to manufacture Tecapeek® UD Blue which complies with the compositional requirements of FDA regulations 21 CFR 177.2415 for repeat contact with food.
USDA	Since the resin used to extrude this product complies with the FDA regulation it should be chemically acceptable to the USDA for repeat use applications in slaughtering, processing, transporting and storage areas in direct contact with meat or poultry products
NSF 51 FOOD EQUIPMENT MATERIALS	Not listed
NSF 61 DRINKING WATER SYSTEM COMPONENTS	Not listed
3-A Dairy	Ensinger extrudes resins for Tecapeek UD blue products which comply with the criteria of 3-A® Sanitary Standards for Multiple-Use Plastic Materials Number 20-27
EU 10/2011 COMPLIANCE	Contact Technical Service

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PRODUCT	TECAPEI® NATURAL
FDA COMPLIANCE	Ensinger extrudes Sabic Innovative Polymers™ Ultem® 1000 series natural which complies with FDA regulations 21 CFR 177.1595 for all food types under Conditions of Use A through H in Table 2 of 21 CFR 176.170 (c).
USDA	Since the resin used to extrude this product complies with the FDA regulation it should be chemically acceptable to the USDA for repeat use applications in slaughtering, processing, transporting and storage areas in direct contact with meat or poultry products
NSF 51 FOOD EQUIPMENT MATERIALS	Sabic Innovative Polymers™ Ultem® 1000 series natural are NSF 51 listed for all food types up to a temperature of 375 F.
NSF 61 DRINKING WATER SYSTEM COMPONENTS	Not listed
3-A Dairy	Not tested
EU 10/2011 COMPLIANCE	Contact Ensinger Technical Services for more information

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PRODUCT	TECAPEI® GF30 NATURAL
FDA COMPLIANCE	Ensinger extrudes Sabic Innovative Polymers™ Ultem® 2300 series natural resin which comply with FDA regulations 21 CFR 177.1595 for all food types under Conditions of Use A through H in Table 2 of 21 CFR 176.170 (c).
USDA	Since the resin used to extrude this product complies with the FDA regulation it should be chemically acceptable to the USDA for repeat use applications in slaughtering, processing, transporting and storage areas in direct contact with meat or poultry products
NSF 51 FOOD EQUIPMENT MATERIALS	Not listed
NSF 61 DRINKING WATER SYSTEM COMPONENTS	Not listed
3-A Dairy	Not tested
EU 10/2011 COMPLIANCE	Contact Ensinger Technical Services for more information

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PRODUCT	TECASON® P NATURAL PPSU
FDA COMPLIANCE	Ensinger uses resins which comply with FDA FCN 00083 in repeat use food contact applications with all food types under conditions of use B through H on tables 1 and 2 of 21 CFR 176.170.
USDA	Since the resin used to extrude this product complies with the FDA regulation it should be chemically acceptable to the USDA for repeat use applications in slaughtering, processing, transporting and storage areas in direct contact with meat or poultry products
NSF 51 FOOD EQUIPMENT MATERIALS	Not listed
NSF 61 DRINKING WATER SYSTEM COMPONENTS	Not listed
3-A DAIRY	Not tested
EU 10/2011 COMPLIANCE	Contact Ensinger Technical Service

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PRODUCT	TECASON® S NATURAL POLYSULFONE
FDA COMPLIANCE	Resins used complies with FDA regulations 21 CFR 177.1655 for food contact applications for repeated use under conditions A through H in Table 2 of 21 CFR 176.170 (c).
USDA	No
NSF 51 FOOD EQUIPMENT MATERIALS	Natural grade of resin complies with NSF 51 for Food Zone. Maximum Temperature of Use 300 F
NSF 61 DRINKING WATER SYSTEM COMPONENTS	Not listed
3-A DAIRY	yes
EU 10/2011 COMPLIANCE	Contact Ensinger Technical Service

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PRODUCT	DELTRIN® FG150 NATURAL
FDA COMPLIANCE	Ensinger extrudes DuPont™ Delrin® FG150 Natural resin which complies with FDA regulations 21 CFR177.2480 for food contact applications for repeated use for all food types except those containing more than 8% alcohol, up to 212 F contact temperature.
USDA	Since DuPont™ Delrin® FG150 Natural resin complies with the FDA regulation it should be chemically acceptable to the USDA for repeat use applications in slaughtering, processing, transporting and storage areas in direct contact with meat or poultry products
NSF 51 FOOD EQUIPMENT MATERIALS	DuPont™ Delrin® FG150 Natural resin is listed under NSF 51 with the following foods up to a temperature of 150 F: Alcohol less than or equal to 8% Aqueous acidic Aqueous non-acidic Bakery products with free fats and oils on surface Bakery products with no free fats or oils on surface Dairy, oil in water emulsions Dairy, water in oil emulsions Dry solids Oils and fats
NSF 61 DRINKING WATER SYSTEM COMPONENTS	DuPont™ Delrin® FG150 Natural resin is listed under NSF 61 (end use A cold and hot water contact) for articles with a maximum surface area to volume ratio of 60 sq in/L.
3A DAIRY	DuPont™ Delrin® FG150 Natural resin complies with the criteria of 3-A® Sanitary Standards for Multiple-Use Plastic Materials Number 20-25 under the Generic Class of polyoxymethylene homopolymer (21 CFR 177.2480)
EU 10/2011 COMPLIANCE	Yes - Migration Testing Available

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PRODUCT	DELRIN® FG 511DP NATURAL
FDA COMPLIANCE	DuPont™ Delrin® FG511DP Natural resin complies with FDA regulations 21 CFR177.2480 for food contact applications for repeated use for all food types except those containing more than 8% alcohol, up to 212 F contact temperature.
USDA	Since DuPont™ Delrin® FG511DP Natural complies with the FDA regulation it should be chemically acceptable to the USDA for repeat use applications in slaughtering, processing, transporting and storage areas in direct contact with meat or poultry products
NSF 51 FOOD EQUIPMENT MATERIALS	Not listed
NSF 61 DRINKING WATER SYSTEM COMPONENTS	Not listed
3-A Dairy	Not tested
EU 10/2011 COMPLIANCE	Contact Ensinger Technical Services for more information

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PRODUCT	TECAFORM® AH NATURAL
FDA COMPLIANCE	Resins used in Natural grade comply with FDA regulations 21 CFR 177.2470 all types of food for repeat use under conditions A through H in Table 2 of 21 CFR 175.300(d). (material cannot be used with food containing > 15% alcohol).
USDA	Since the resin used to extrude this product complies with the FDA regulation it should be chemically acceptable to the USDA for repeat use applications in slaughtering, processing, transporting and storage areas in direct contact with meat or poultry products
NSF 51 FOOD EQUIPMENT MATERIALS	Resins used in Natural grade comply with NSF 51 with all foods up to 212 F (material cannot be used with food containing > 15% alcohol).
NSF 61 DRINKING WATER SYSTEM COMPONENTS	Resins used in Natural grade comply with NSF 61 (End use A, F cold and hot water contact) Maximum surface area to volume ratio of 125 sq in./L
3-A Dairy	Material is 3-A dairy compliant 20-25
EU 10/2011 COMPLIANCE	Yes - Migration testing available for shapes made from KEPITAL F10-01 NATURAL

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PRODUCT	TECAFORM® AH BLACK
FDA COMPLIANCE	Resins used in black grade comply with FDA regulations 21 CFR 177.2470 all types of food for repeat use under conditions A through H in Table 2 of 21 CFR 176.170 (c). (material cannot be used with food containing > 15% alcohol).
USDA	Since the resin used to extrude this product complies with the FDA regulation it should be chemically acceptable to the USDA for repeat use applications in slaughtering, processing, transporting and storage areas in direct contact with meat or poultry products
NSF 51 FOOD EQUIPMENT MATERIALS	Resins used in black grade comply with NSF 51 with all foods up to 212 F (material cannot be used with food containing > 15% alcohol).
NSF 61 DRINKING WATER SYSTEM COMPONENTS	Resins used in black grade comply with NSF 61 (End use A, F cold and hot water contact) Maximum surface area to volume ratio of 125 sq in./L
3-A DAIRY	Not tested
EU 10/2011 COMPLIANCE	Contact Ensinger Technical Services

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PRODUCT	TECAFORM® AH FG BLUE
FDA COMPLIANCE	Resins used in comply with FDA regulations 21 CFR 177.2470 all types of food for repeat use under conditions A through H in Table 2 of 21 CFR 176.170 (c). (material cannot be used with food containing > 15% alcohol).
USDA	Since the resin used to extrude this product complies with the FDA regulation it should be chemically acceptable to the USDA for repeat use applications in slaughtering, processing, transporting and storage areas in direct contact with meat or poultry products
NSF 51 FOOD EQUIPMENT MATERIALS	Not listed
NSF 61 DRINKING WATER SYSTEM COMPONENTS	Not listed
3-A DAIRY	Not tested
EU 10/2011 COMPLIANCE	Contact Ensinger Technical Service

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PRODUCT	TECAFORM® AH UD BLUE
FDA COMPLIANCE	This product meets the requirements of 21 CFR 177.2470 d(2)i, ii, subject to the limitations of e (2)
USDA	Since the resins comply with the FDA regulation it should be chemically acceptable to the USDA for repeat use applications in slaughter, processing, transporting, and storage areas in direct contact with meat or poultry products
NSF 51 FOOD EQUIPMENT MATERIALS	Not listed
NSF 61 DRINKING WATER SYSTEM COMPONENTS	Not listed
3-A DAIRY	Product complies with 3-A Sanitary Standard Multiple-Use Plastics Number 20-25
EU 10/2011 COMPLIANCE	Yes, migration study available

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PRODUCT	TECAFORM® AD HPV-13
FDA COMPLIANCE	The resins used to manufacture this product comply with US FDA regulation 21 CFR177.2480 and may be used as articles or components of articles intended for contact on a repeated use basis, for all food types except those containing more than 15% alcohol, up to 65 deg C contact temperature.
USDA	Since the resin used to extrude this product complies with the FDA regulation it should be chemically acceptable to the USDA for repeat use applications in slaughtering, processing, transporting and storage areas in direct contact with meat or poultry products
NSF 51 FOOD EQUIPMENT MATERIALS	Not listed
NSF 61 DRINKING WATER SYSTEM COMPONENTS	Not listed
3-A DAIRY	Not tested
EU 10/2011 COMPLIANCE	Contact Ensinger Technical Service

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PRODUCT	TECAFORM® AH-ID GRAY
FDA COMPLIANCE	The base resin complies with 21 CFR 177.2470) with limitations Limitations: Types of food: All types of food except foods containing 15% or more alcohol. Conditions of use: Use temperature shall not exceed 250 F per 21 CFR 177.2470 Application: Repeat use articles only per 21 CFR 177.2470.
USDA	Since the resin used to extrude this product complies with the FDA regulation it should be chemically acceptable to the USDA for repeat use applications in slaughtering, processing, transporting and storage areas in direct contact with meat or poultry products
NSF 51 FOOD EQUIPMENT MATERIALS	Not listed
NSF 61 DRINKING WATER SYSTEM COMPONENTS	Not listed
3-A DAIRY	Tecaform AH-ID complies with the criteria of 3-A® Sanitary Standards for Multiple-Use Plastic Materials Number 20-25 under the Generic Class of polyoxymethylene copolymer (21 CFR 177.2470) with limitations under Section H of those standards. Limitations: Types of food: All types of food except foods containing 15% or more alcohol. Conditions of use: Use temperature shall not exceed 250 F per 21 CFR 177.2470 Application: Repeat use articles only per 21 CFR 177.2470.
EU 10/2011 COMPLIANCE	Contact Ensinger Technical Services

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PRODUCT	TECAMID® 66 NATURAL
FDA COMPLIANCE	The nylon 66 base resins used to manufacture this product comply with FDA regulation 21CFR177.1500 and may be used to produce articles or components of articles intended for use in processing, handling, and packaging of food up to 475 F for all food types.
USDA	Since the resins comply with the FDA regulation it should be chemically acceptable to the USDA for repeat use applications in slaughter, processing, transporting, and storage areas in direct contact with meat or poultry products.
NSF 51 FOOD EQUIPMENT MATERIALS	Not listed
NSF 61 DRINKING WATER SYSTEM COMPONENTS	The nylon 66 base resin complies with NSF 61 (end use A, F cold and hot water contact) for articles with a maximum surface area to volume ratio of 130 sq in/L.
3-A DAIRY	The base resin comply with the criteria in 3-A Sanitary Standards for Multiple-Use Plastic Materials, Number 20-25, under the Generic Class of Nylon (21 CFR 177.1500) Nylon Type 66.
EU 10/2011 COMPLIANCE	Yes - Migration testing available for shapes extruded with Zytel FG42a

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PRODUCT	TECAST® T NATURAL
FDA COMPLIANCE	Based on our evaluation, Ensinger confirms that Tecast® T Natural Cast Nylon 6 is safe for the intended end-use and in compliance with FDA food contact regulations as outlined in 21 CFR 174.5; <i>General provisions applicable to indirect food additives</i> . In addition, end-use testing has been completed according to FDA 21 CFR § 177.1500. The results of these tests were within the required specifications of this regulation.
USDA	Since the resins comply with the FDA regulation it should be chemically acceptable to the USDA for repeat use applications in slaughter, processing, transporting, and storage areas in direct contact with meat or poultry products.
NSF 51 FOOD EQUIPMENT MATERIALS	Not tested
NSF 61 DRINKING WATER SYSTEM COMPONENTS	Not tested
3-A DAIRY	Not tested
EU 10/2011 COMPLIANCE	Not tested

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PRODUCT	TECAST® T BLUE
FDA COMPLIANCE	Based on our evaluation, Ensinger confirms that Tecast® T Blue Cast Nylon 6 is safe for the intended end-use and in compliance with FDA food contact regulations as outlined in 21 CFR 174.5; General provisions applicable to indirect food additives. In addition, end-use testing has been completed according to FDA 21 CFR § 177.1500. The results of these tests were within the required specifications of this regulation.
USDA	Since the resins comply with the FDA regulation it should be chemically acceptable to the USDA for repeat use applications in slaughter, processing, transporting, and storage areas in direct contact with meat or poultry products.
NSF 51 FOOD EQUIPMENT MATERIALS	Not listed
NSF 61 DRINKING WATER SYSTEM COMPONENTS	Not listed
3-A DAIRY	Not tested
EU 10/2011 COMPLIANCE	Not tested

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PRODUCT	TECAPET® NATURAL
FDA COMPLIANCE	Food Contact Compliant
USDA	Since the resin used to extrude this product complies with the FDA regulation it should be chemically acceptable to the USDA for repeat use applications in slaughtering, processing, transporting and storage areas in direct contact with meat or poultry products
NSF 51 FOOD EQUIPMENT MATERIALS	No
NSF 61 DRINKING WATER SYSTEM COMPONENTS	No
3-A DAIRY	Not tested
EU 10/2011 COMPLIANCE	Contact Ensinger Technical Service

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PRODUCT	HYDEX® 4101 NATURAL
FDA COMPLIANCE	Resin used in Natural Grade complies with FDA regulations for all food types with no restrictions on conditions of use per 21 CFR 177.1660 for repeat use articles only.
USDA	Since the resin used to extrude this product complies with the FDA regulation it should be chemically acceptable to the USDA for repeat use applications in slaughtering, processing, transporting and storage areas in direct contact with meat or poultry products
NSF 51 FOOD EQUIPMENT MATERIALS	Not listed
NSF 61 DRINKING WATER SYSTEM COMPONENTS	Not listed
3-A DAIRY	yes
EU 10/2011 COMPLIANCE	Yes - Migration testing available

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PRODUCT	HYDEX® 4101L NATURAL
FDA COMPLIANCE	Resins used in this product comply with FDA regulations in 21 CFR 177.1660. Only such adjuvants or minor modifiers have been employed as are permitted by this regulation, or meet one or more of the following criteria: (1) are generally recognized as safe (GRAS), 21 CFR Part 182 and 184; (2) are used in accordance with prior sanctions or approvals, 21 CFR Part 181; (3) are permitted for such use by applicable regulations in parts 170 through 189 of this chapter. This product may be used for repeat-use applications in contact with all food types under conditions A through H in Table 2 of 21 CFR 176.170 (c).
USDA	Since the resin used to extrude this product complies with the FDA regulation it should be chemically acceptable to the USDA for repeat use applications in slaughtering, processing, transporting and storage areas in direct contact with meat or poultry products
NSF 51 FOOD EQUIPMENT MATERIALS	Not listed
NSF 61 DRINKING WATER SYSTEM COMPONENTS	Not listed
3-A DAIRY	Contact Ensinger Technical Service
EU 10/2011 COMPLIANCE	Contact Ensinger Technical Service

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PRODUCT	HYDEX® 4101 UD BLUE
FDA COMPLIANCE	Resin used in Natural Grade complies with FDA regulations for all food types with no restrictions on conditions of use per 21 CFR 177.1660 for repeat use articles only.
USDA	Since the resin used to extrude this product complies with the FDA regulation it should be chemically acceptable to the USDA for repeat use applications in slaughtering, processing, transporting and storage areas in direct contact with meat or poultry products
NSF 51 FOOD EQUIPMENT MATERIALS	Not listed
NSF 61 DRINKING WATER SYSTEM COMPONENTS	Not listed
3-A DAIRY	yes
EU 10/2011 COMPLIANCE	Contact Ensinger Technical Service

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PRODUCT	TECANAT® NATURAL
FDA COMPLIANCE	Ensinger extrudes resins which comply with FDA regulations 21CFR177.1580
USDA	Since the resin used to extrude this product complies with the FDA regulation it should be chemically acceptable to the USDA for repeat use applications in slaughtering, processing, transporting and storage areas in direct contact with meat or poultry products
NSF 51 FOOD EQUIPMENT MATERIALS	Not listed
NSF 61 DRINKING WATER SYSTEM COMPONENTS	Not listed
3-A DAIRY	Not tested
EU 10/2011 COMPLIANCE	Contact Ensinger Technical Service

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PRODUCT	TECANAT® BLACK
FDA COMPLIANCE	Ensinger extrudes resins which comply with FDA regulations 21CFR177.1580
USDA	Since the resin used to extrude this product complies with the FDA regulation it should be chemically acceptable to the USDA for repeat use applications in slaughtering, processing, transporting and storage areas in direct contact with meat or poultry products
NSF 51 FOOD EQUIPMENT MATERIALS	Not listed
NSF 61 DRINKING WATER SYSTEM COMPONENTS	Not listed
3-A DAIRY	Not tested
EU 10/2011 COMPLIANCE	Contact Ensinger Technical Service

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PRODUCT	TECAFLON® PVDF NATURAL
FDA COMPLIANCE	The resin used to manufacture the product can be said to fully comply with the US Federal Food, Drug and Cosmetic Act and all applicable food additive regulations subject to any limitations provided herein. 21 CFR Sec. 177.2510(a) Polyvinylidene fluoride resins articles intended for repeated use in applications whose temperature does not exceed 100 C for 6 hours for each cycle.
USDA	Since the resin used to extrude this product complies with the FDA regulation it should be chemically acceptable to the USDA for repeat use applications in slaughtering, processing, transporting and storage areas in direct contact with meat or poultry products
NSF 51 FOOD EQUIPMENT MATERIALS	Resin used to manufacture Tecaflon® PVDF is NSF 51 listed for all food contact types up to a Maximum Use Temperature of 260 F
NSF 61 DRINKING WATER SYSTEM COMPONENTS	Resin used to manufacture Tecaflon® PVDF is NSF 61 listed for applications up with a maximum surface area to volume ratio of 500 sq. in./L in hot water up to 180 F. End use applications A – Appurtenances other than pipe or fittings, P-Pipes, F - Fittings
3-A DAIRY	Not tested
EU 10/2011 COMPLIANCE	Contact Ensinger Technical Service

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PRODUCT	TECAFINE® PP NATURAL
FDA COMPLIANCE	The base resin in this product meets the FDA requirements contained in the Code of Federal Regulations in 21 CFR 177.1520(a)(3)(i) and (c)3.2a. This product may contain adjuvant substances that may be safely used in polymers used for the manufacture of articles that come into direct contact with food. According to our information, all other substances used in this product meet the requirements of their respective FDA regulations and 21 CFR 177.1520(b). This product meets the FDA criteria in 21 CFR 177.1520 for food contact applications, including cooking, listed under conditions of use A through H in 21 CFR 176.170(c), Table 2 and can be used in contact with all food types as listed in 21 CFR 176.170(c), Table 1
USDA	Since the resin used to extrude this product complies with the FDA regulation it should be chemically acceptable to the USDA for repeat use applications in slaughtering, processing, transporting and storage areas in direct contact with meat or poultry products
NSF 51 FOOD EQUIPMENT MATERIALS	Not listed
NSF 61 DRINKING WATER SYSTEM COMPONENTS	Not listed
3-A DAIRY	Not tested
EU 10/2011 COMPLIANCE	Contact Ensinger Technical Service

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PRODUCT	TECAPRO® MT (WHITE, GRAY, BLACK)
FDA COMPLIANCE	The base resin in this product meets the FDA requirements contained in the Code of Federal Regulations in 21 CFR 177.1520(a)(3)(i) and (c)3.2a. This product may contain adjuvant substances that may be safely used in polymers used for the manufacture of articles that come into direct contact with food. According to our information, all other substances used in this product meet the requirements of their respective FDA regulations and 21 CFR 177.1520(b). This product meets the FDA criteria in 21 CFR 177.1520 for food contact applications, including cooking, listed under conditions of use A through H in 21 CFR 176.170(c), Table 2 and can be used in contact with all food types as listed in 21 CFR 176.170(c), Table 1 Colorants used in compound comply with 21 CFR178.3297
USDA	
NSF 51 FOOD EQUIPMENT MATERIALS	Not listed
NSF 61 DRINKING WATER SYSTEM COMPONENTS	Not listed
3-A DAIRY	Not tested
EU 10/2011 COMPLIANCE	Contact Ensinger Technical Service

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PRODUCT	TECAFINE® HDPE NATURAL
FDA COMPLIANCE	The base resin in this product meets the FDA requirements contained in the Code of Federal Regulations in 21 CFR 177.1520(a)(3)(i) and (c)3.2a. This product may contain adjuvant substances that may be safely used in polymers used for the manufacture of articles that come into direct contact with food. According to our information, all other substances used in this product meet the requirements of their respective FDA regulations and 21 CFR 177.1520(b). This product may only be used in conditions of use B-H and temperatures at or below 212 degrees F, as described in Table 2 in 176.170(c).
USDA	Since the resin used to extrude this product complies with the FDA regulation it should be chemically acceptable to the USDA for repeat use applications in slaughtering, processing, transporting and storage areas in direct contact with meat or poultry products.
NSF 51 FOOD EQUIPMENT MATERIALS	Not listed
NSF 61 DRINKING WATER SYSTEM COMPONENTS	Not listed
3-A DAIRY	Not tested
EU 10/2011 COMPLIANCE	Contact Ensinger Technical Service for details

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PRODUCT	TECARAN® ABS NATURAL
FDA COMPLIANCE	Ensinger extrudes resins which comply with FDA regulations 21CFR181.32
USDA	No
NSF 51 FOOD EQUIPMENT MATERIALS	Not listed
NSF 61 DRINKING WATER SYSTEM COMPONENTS	Not listed
3-A DAIRY	Not tested
EU 10/2011 COMPLIANCE	Contact Ensinger Technical Service

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PRODUCT	TECARAN® ABS Black
FDA COMPLIANCE	Ensinger extrudes resins which comply with FDA regulations 21CFR181.32
USDA	No
NSF 51 FOOD EQUIPMENT MATERIALS	Not listed
NSF 61 DRINKING WATER SYSTEM COMPONENTS	Not listed
3-A DAIRY	Not tested
EU 10/2011 COMPLIANCE	Contact Ensinger Technical Service

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