



CERTIFICATE OF CONFORMITY

SAI Global hereby grants:

Hansen Products (NZ) Limited

16 Union East Street, Whangarei, New Zealand

WaterMark Certificate of Conformity – Level 1

Evaluated to:

AS/NZS 4129:2008 - Fittings for polyethylene (PE) pipes for pressure applications

“the WaterMark Licensee” the right to use or arrange the use of the WATERMARK as shown below only in respect of the goods described and detailed on the product schedule identified on www.saiglobal.com which are produced by the WaterMark Licensee or on behalf of the WaterMark Licensee* and which comply with the appropriate Standard referred to above as from time to time amended. The Licence is granted subject to the rules governing the use of the WATERMARK and the Terms and Conditions for certification. The WaterMark Licensee covenants to comply with all the Rules and Terms and Conditions

Certificate No: WMKA21978

Issued : 30 July 2013
Expires : 29 July 2018

Originally Certified : 30 July 2013
Current Certification : 30 July 2013

Paul Butcher
Global Head – Assurance Services

Samer Chaouk
Head of Policy, Risk and Certification



WaterMark

* For details of manufacture, refer to the licensee

The WATERMARK is a registered certification trademark of Standards Australia Limited (ACN 087 326 690) and is issued under licence by SAI Global Certification Services Pty Limited (ACN 108 716 669) (“SAI Global”) 286 Sussex Street, Sydney NSW 2000, GPO Box 5420 Sydney NSW 2001. This certificate remains the property of SAI Global and must be returned to SAI Global upon its request. Refer to www.saiglobal.com for the list of product models.



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Model identification of the goods on which the WATERMARK may be used:

| Model Identification | Model Name | Brand Name | Product Description | Product Type | Product Application | Size Classification (DN) | Pressure Classification | Joint Type | Colour | Material Designation | Date Endorsed |
|----------------------|---------------|------------|---------------------|--------------|---------------------|--------------------------|-------------------------|------------------------------|----------------------------|----------------------|---------------|
| HMDC110 - HMDC1106B | H16 /H16 Blue | Hansen | coupling | coupling | Water pressure | 110 | 12.5 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDC16 - HMDC16B | H16 /H16 Blue | Hansen | coupling | coupling | Water pressure | 16 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDC20 - HMDC20B | H16 /H16 Blue | Hansen | coupling | coupling | Water pressure | 20 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDC25 - HMDC25B | H16 /H16 Blue | Hansen | coupling | coupling | Water pressure | 25 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDC32 - HMDC32B | H16 /H16 Blue | Hansen | coupling | coupling | Water pressure | 32 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDC40 - HMDC40B | H16 /H16 Blue | Hansen | coupling | coupling | Water pressure | 40 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |

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|----------------------|---------------|------------|---------------------|--------------|---------------------|--------------------------|-------------------------|------------------------------|----------------------------|----------------------|---------------|
| HMDC50 - HMDC50B | H16 /H16 Blue | Hansen | coupling | coupling | Water pressure | 50 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDC63 - HMDC63B | H16 /H16 Blue | Hansen | coupling | coupling | Water pressure | 63 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDC75 - HMDC75B | H16 /H16 Blue | Hansen | coupling | coupling | Water pressure | 75 | 12.5 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDC90 - HMDC90B | H16 /H16 Blue | Hansen | coupling | coupling | Water pressure | 90 | 12.5 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDE110 - HMDE110B | H16 /H16 Blue | Hansen | elbow | 90° elbow | Water pressure | 110 | 12.5 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDE16 - HMDE16B | H16 /H16 Blue | Hansen | elbow | 90° elbow | Water pressure | 16 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDE20 - HMDE20B | H16 /H16 Blue | Hansen | elbow | 90° elbow | Water pressure | 20 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDE25 - HMDE25B | H16 /H16 Blue | Hansen | elbow | 90° elbow | Water pressure | 25 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDE32 - HMDE32B | H16 /H16 Blue | Hansen | elbow | 90° elbow | Water pressure | 32 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDE40 - HMDE40B | H16 /H16 Blue | Hansen | elbow | 90° elbow | Water pressure | 40 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |

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|----------------------|---------------|------------|---------------------|--------------|---------------------|--------------------------|-------------------------|------------------------------|----------------------------|----------------------|---------------|
| HMDE50 - HMDE50B | H16 /H16 Blue | Hansen | elbow | 90° elbow | Water pressure | 50 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDE63 - HMDE63B | H16 /H16 Blue | Hansen | elbow | 90° elbow | Water pressure | 63 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDE75 - HMDE75B | H16 /H16 Blue | Hansen | elbow | 90° elbow | Water pressure | 75 | 12.5 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDE90 - HMDE90B | H16 /H16 Blue | Hansen | elbow | 90° elbow | Water pressure | 90 | 12.5 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDEC110 - HMDEC110B | H16 /H16 Blue | Hansen | plug | plug | Water pressure | 110 | 12.5 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDEC16 - HMDEC16B | H16 /H16 Blue | Hansen | plug | plug | Water pressure | 16 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDEC20 - HMDEC20B | H16 /H16 Blue | Hansen | plug | plug | Water pressure | 20 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDEC25 - HMDEC25B | H16 /H16 Blue | Hansen | plug | plug | Water pressure | 25 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDEC32 - HMDEC32B | H16 /H16 Blue | Hansen | plug | plug | Water pressure | 32 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDEC40 - HMDEC40B | H16 /H16 Blue | Hansen | plug | plug | Water pressure | 40 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |

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|-----------------------------|---------------|------------|---------------------|----------------|---------------------|--------------------------|-------------------------|------------------------------|----------------------------|----------------------|---------------|
| HMDEC50 - HMDEC50B | H16 /H16 Blue | Hansen | plug | plug | Water pressure | 50 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDEC63 - HMDEC63B | H16 /H16 Blue | Hansen | plug | plug | Water pressure | 63 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDEC75 - HMDEC75B | H16 /H16 Blue | Hansen | plug | plug | Water pressure | 75 | 12.5 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDEC90 - HMDEC90B | H16 /H16 Blue | Hansen | plug | plug | Water pressure | 90 | 12.5 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFC110100 - HMDFC110100 B | H16 /H16 Blue | Hansen | adaptor | female adaptor | Water pressure | 110x4" | 12.5 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFC11050 - HMDFC11050B | H16 /H16 Blue | Hansen | adaptor | female adaptor | Water pressure | 110x2" | 12.5 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFC11075 - HMDFC11075B | H16 /H16 Blue | Hansen | adaptor | female adaptor | Water pressure | 110x3" | 12.5 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFC1615 - HMDFC1615B | H16 /H16 Blue | Hansen | adaptor | female adaptor | Water pressure | 16x1/2" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFC1620 - HMDFC1620B | H16 /H16 Blue | Hansen | adaptor | female adaptor | Water pressure | 16x3/4" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFC2015 - HMDFC2015B | H16 /H16 Blue | Hansen | adaptor | female adaptor | Water pressure | 20x1/2" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |

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|------------------------|---------------|------------|---------------------|----------------|---------------------|--------------------------|-------------------------|------------------------------|----------------------------|----------------------|---------------|
| HMDFC2020 - HMDFC2020B | H16 /H16 Blue | Hansen | adaptor | female adaptor | Water pressure | 20x3/4" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFC2515 - HMDFC2515B | H16 /H16 Blue | Hansen | adaptor | female adaptor | Water pressure | 25x1/2" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFC2520 - HMDFC2520B | H16 /H16 Blue | Hansen | adaptor | female adaptor | Water pressure | 25x3/4" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFC2525 - HMDFC2525B | H16 /H16 Blue | Hansen | adaptor | female adaptor | Water pressure | 25x1" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFC3215 - HMDFC3215B | H16 /H16 Blue | Hansen | adaptor | female adaptor | Water pressure | 32x1/2" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFC3220 - HMDFC3220B | H16 /H16 Blue | Hansen | adaptor | female adaptor | Water pressure | 32x3/4" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFC3225 - HMDFC3225B | H16 /H16 Blue | Hansen | adaptor | female adaptor | Water pressure | 32x1" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFC3232 - HMDFC3232B | H16 /H16 Blue | Hansen | adaptor | female adaptor | Water pressure | 32x1"1/4 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFC4025 - HMDFC4025B | H16 /H16 Blue | Hansen | adaptor | female adaptor | Water pressure | 40x1" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFC4032 - HMDFC4032B | H16 /H16 Blue | Hansen | adaptor | female adaptor | Water pressure | 40x1"1/4 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |

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|------------------------|---------------|------------|---------------------|----------------|---------------------|--------------------------|-------------------------|------------------------------|----------------------------|----------------------|---------------|
| HMDFC4040 - HMDFC4040B | H16 /H16 Blue | Hansen | adaptor | female adaptor | Water pressure | 40x1"1/2 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFC5032 - HMDFC5032B | H16 /H16 Blue | Hansen | adaptor | female adaptor | Water pressure | 50x1"1/4 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFC5040 - HMDFC5040B | H16 /H16 Blue | Hansen | adaptor | female adaptor | Water pressure | 50x1"1/2 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFC5050 - HMDFC5050B | H16 /H16 Blue | Hansen | adaptor | female adaptor | Water pressure | 50x2" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFC6340 - HMDFC6340B | H16 /H16 Blue | Hansen | adaptor | female adaptor | Water pressure | 63x1"1/2 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFC6350 - HMDFC6350B | H16 /H16 Blue | Hansen | adaptor | female adaptor | Water pressure | 63x2" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFC6363 - HMDFC6363B | H16 /H16 Blue | Hansen | adaptor | female adaptor | Water pressure | 63x2"1/2 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFC7550 - HMDFC7550B | H16 /H16 Blue | Hansen | adaptor | female adaptor | Water pressure | 75x2" | 12.5 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFC7563 - HMDFC7563B | H16 /H16 Blue | Hansen | adaptor | female adaptor | Water pressure | 75x2"1/2 | 12.5 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFC7575 - HMDFC7575B | H16 /H16 Blue | Hansen | adaptor | female adaptor | Water pressure | 75x3" | 12.5 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |

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|----------------------------|---------------|------------|---------------------|------------------------------|---------------------|--------------------------|-------------------------|------------------------------|----------------------------|----------------------|---------------|
| HMDFC90100 - HMDFC90100B | H16 /H16 Blue | Hansen | adaptor | female adaptor | Water pressure | 90x4" | 12.5 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFC9050 - HMDFC9050B | H16 /H16 Blue | Hansen | adaptor | female adaptor | Water pressure | 90x2" | 12.5 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFC9063 - HMDFC9063B | H16 /H16 Blue | Hansen | adaptor | female adaptor | Water pressure | 90x2"1/2 | 12.5 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFC9075 - HMDFC9075B | H16 /H16 Blue | Hansen | adaptor | female adaptor | Water pressure | 90x3" | 12.5 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFE110100 - HMDFE110100B | H16 /H16 Blue | Hansen | elbow | 90° elbow with female thread | Water pressure | 110x4" | 12.5 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFE1615 - HMDFE1615B | H16 /H16 Blue | Hansen | elbow | 90° elbow with female thread | Water pressure | 16x1/2" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFE1620 - HMDFE1620B | H16 /H16 Blue | Hansen | elbow | 90° elbow with female thread | Water pressure | 16x3/4" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFE2015 - HMDFE2015B | H16 /H16 Blue | Hansen | elbow | 90° elbow with female thread | Water pressure | 20x1/2" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFE2020 - HMDFE2020B | H16 /H16 Blue | Hansen | elbow | 90° elbow with female thread | Water pressure | 20x3/4" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFE2515 - HMDFE2515B | H16 /H16 Blue | Hansen | elbow | 90° elbow with female thread | Water pressure | 25x1/2" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |

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|------------------------|---------------|------------|---------------------|------------------------------|---------------------|--------------------------|-------------------------|------------------------------|----------------------------|----------------------|---------------|
| HMDFE2520 - HMDFE2520B | H16 /H16 Blue | Hansen | elbow | 90° elbow with female thread | Water pressure | 25x3/4" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFE2525 - HMDFE2525B | H16 /H16 Blue | Hansen | elbow | 90° elbow with female thread | Water pressure | 25x1" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFE3215 - HMDFE3215B | H16 /H16 Blue | Hansen | elbow | 90° elbow with female thread | Water pressure | 32x1/2" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFE3220 - HMDFE3220B | H16 /H16 Blue | Hansen | elbow | 90° elbow with female thread | Water pressure | 32x3/4" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFE3225 - HMDFE3225B | H16 /H16 Blue | Hansen | elbow | 90° elbow with female thread | Water pressure | 32x1" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFE3232 - HMDFE3232B | H16 /H16 Blue | Hansen | elbow | 90° elbow with female thread | Water pressure | 32x1"1/4 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFE4025 - HMDFE4025B | H16 /H16 Blue | Hansen | elbow | 90° elbow with female thread | Water pressure | 40x1" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFE4032 - HMDFE4032B | H16 /H16 Blue | Hansen | elbow | 90° elbow with female thread | Water pressure | 40x1"1/4 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFE4040 - HMDFE4040B | H16 /H16 Blue | Hansen | elbow | 90° elbow with female thread | Water pressure | 40x1"1/2 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFE5032 - HMDFE5032B | H16 /H16 Blue | Hansen | elbow | 90° elbow with female thread | Water pressure | 50x1"1/4 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |

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|-------------------------------|---------------|------------|---------------------|------------------------------|---------------------|--------------------------|-------------------------|------------------------------|----------------------------|----------------------|---------------|
| HMDFE5040 - HMDFE5040B | H16 /H16 Blue | Hansen | elbow | 90° elbow with female thread | Water pressure | 50x1"1/2 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFE5050 - HMDFE5050B | H16 /H16 Blue | Hansen | elbow | 90° elbow with female thread | Water pressure | 50x2" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFE6340 - HMDFE6340B | H16 /H16 Blue | Hansen | elbow | 90° elbow with female thread | Water pressure | 63x1"1/2 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFE6350 - HMDFE6350B | H16 /H16 Blue | Hansen | elbow | 90° elbow with female thread | Water pressure | 63x2" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFE6363 - HMDFE6363B | H16 /H16 Blue | Hansen | elbow | 90° elbow with female thread | Water pressure | 63x2"1/2 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFE7563 - HMDFE7563B | H16 /H16 Blue | Hansen | elbow | 90° elbow with female thread | Water pressure | 75x2"1/2 | 12.5 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFE7575 - HMDFE7575B | H16 /H16 Blue | Hansen | elbow | 90° elbow with female thread | Water pressure | 75x3" | 12.5 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFE90100 - HMDFE90100B | H16 /H16 Blue | Hansen | elbow | 90° elbow with female thread | Water pressure | 90x4" | 12.5 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFE9075 - HMDFE9075B | H16 /H16 Blue | Hansen | elbow | 90° elbow with female thread | Water pressure | 90x3" | 12.5 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFLC110100 - HMDFLC110100 B | H16 /H16 Blue | Hansen | flange adaptor | flange adaptor | Water pressure | 110x4" | 12.5 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |

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SCHEDULE TO CERTIFICATE OF CONFORMITY

| Model Identification | Model Name | Brand Name | Product Description | Product Type | Product Application | Size Classification (DN) | Pressure Classification | Joint Type | Colour | Material Designation | Date Endorsed |
|-----------------------------|---------------|------------|---------------------|----------------------------|---------------------|--------------------------|-------------------------|------------------------------|----------------------------|----------------------|---------------|
| HMDFLC5040 - HMDFLC5040B | H16 /H16 Blue | Hansen | flange adaptor | flange adaptor | Water pressure | 50x1"1/2 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFLC5050 - HMDFLC5050B | H16 /H16 Blue | Hansen | flange adaptor | flange adaptor | Water pressure | 50x2" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFLC6350 - HMDFLC6350B | H16 /H16 Blue | Hansen | flange adaptor | flange adaptor | Water pressure | 63x2" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFLC7563 - HMDFLC7563B | H16 /H16 Blue | Hansen | flange adaptor | flange adaptor | Water pressure | 75x2"1/2 | 12.5 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFLC90100 - HMDFLC90100 B | H16 /H16 Blue | Hansen | flange adaptor | flange adaptor | Water pressure | 90x4" | 12.5 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFLC9075 - HMDFLC9075B | H16 /H16 Blue | Hansen | flange adaptor | flange adaptor | Water pressure | 90x3" | 12.5 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFT110100 - HMDFT110100B | H16 /H16 Blue | Hansen | tee | 90° tee with female thread | Water pressure | 110x110x4" | 12.5 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFT11075 - HMDFT11075B | H16 /H16 Blue | Hansen | tee | 90° tee with female thread | Water pressure | 110x110x3" | 12.5 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFT1615 - HMDFT1615B | H16 /H16 Blue | Hansen | tee | 90° tee with female thread | Water pressure | 16X16X1/2" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFT1620 - HMDFT1620B | H16 /H16 Blue | Hansen | tee | 90° tee with female thread | Water pressure | 16x16x3/4" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |

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| Model Identification | Model Name | Brand Name | Product Description | Product Type | Product Application | Size Classification (DN) | Pressure Classification | Joint Type | Colour | Material Designation | Date Endorsed |
|------------------------|---------------|------------|---------------------|----------------------------|---------------------|--------------------------|-------------------------|------------------------------|----------------------------|----------------------|---------------|
| HMDFT2015 - HMDFT2015B | H16 /H16 Blue | Hansen | tee | 90° tee with female thread | Water pressure | 20X20X1/2" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFT2020 - HMDFT2020B | H16 /H16 Blue | Hansen | tee | 90° tee with female thread | Water pressure | 20X20X3/4" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFT2515 - HMDFT2515B | H16 /H16 Blue | Hansen | tee | 90° tee with female thread | Water pressure | 25X25X1/2" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFT2520 - HMDFT2520B | H16 /H16 Blue | Hansen | tee | 90° tee with female thread | Water pressure | 25X25X3/4" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFT2525 - HMDFT2525B | H16 /H16 Blue | Hansen | tee | 90° tee with female thread | Water pressure | 25X25X1" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFT3215 - HMDFT3215B | H16 /H16 Blue | Hansen | tee | 90° tee with female thread | Water pressure | 32X32X1/2" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFT3220 - HMDFT3220B | H16 /H16 Blue | Hansen | tee | 90° tee with female thread | Water pressure | 32X32X3/4" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFT3225 - HMDFT3225B | H16 /H16 Blue | Hansen | tee | 90° tee with female thread | Water pressure | 32X32X1" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFT3232 - HMDFT3232B | H16 /H16 Blue | Hansen | tee | 90° tee with female thread | Water pressure | 32X32X1"1/4 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFT4025 - HMDFT4025B | H16 /H16 Blue | Hansen | tee | 90° tee with female thread | Water pressure | 40X40X1" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |

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|------------------------|---------------|------------|---------------------|----------------------------|---------------------|--------------------------|-------------------------|------------------------------|----------------------------|----------------------|---------------|
| HMDFT4032 - HMDFT4032B | H16 /H16 Blue | Hansen | tee | 90° tee with female thread | Water pressure | 40X40X1"1/4 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFT4040 - HMDFT4040B | H16 /H16 Blue | Hansen | tee | 90° tee with female thread | Water pressure | 40X40X1"1/2 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFT5032 - HMDFT5032B | H16 /H16 Blue | Hansen | tee | 90° tee with female thread | Water pressure | 50X50X1"1/4 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFT5040 - HMDFT5040B | H16 /H16 Blue | Hansen | tee | 90° tee with female thread | Water pressure | 50x50x1"1/2 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFT5050 - HMDFT5050B | H16 /H16 Blue | Hansen | tee | 90° tee with female thread | Water pressure | 50x50x2" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFT6340 - HMDFT6340B | H16 /H16 Blue | Hansen | tee | 90° tee with female thread | Water pressure | 63x63x1"1/2 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFT6350 - HMDFT6350B | H16 /H16 Blue | Hansen | tee | 90° tee with female thread | Water pressure | 63x63x2" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFT6363 - HMDFT6363B | H16 /H16 Blue | Hansen | tee | 90° tee with female thread | Water pressure | 63x63x2"1/2 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFT7550 - HMDFT7550B | H16 /H16 Blue | Hansen | tee | 90° tee with female thread | Water pressure | 75x75x2" | 12.5 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFT7563 - HMDFT7563B | H16 /H16 Blue | Hansen | tee | 90° tee with female thread | Water pressure | 75x75x2"1/2 | 12.5 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |

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|-----------------------------|---------------|------------|---------------------|----------------------------|---------------------|--------------------------|-------------------------|------------------------------|----------------------------|----------------------|---------------|
| HMDFT7575 - HMDFT7575B | H16 /H16 Blue | Hansen | tee | 90° tee with female thread | Water pressure | 75x75x3" | 12.5 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFT9063 - HMDFT9063B | H16 /H16 Blue | Hansen | tee | 90° tee with female thread | Water pressure | 90x90x2"1/2 | 12.5 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDFT9075 - HMDFT9075B | H16 /H16 Blue | Hansen | tee | 90° tee with female thread | Water pressure | 90x90x3" | 12.5 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDMC110100 - HMDMC110100 B | H16 /H16 Blue | Hansen | adaptor | male adaptor | Water pressure | 110x4" | 12.5 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDMC11050 - HMDMC11050B | H16 /H16 Blue | Hansen | adaptor | male adaptor | Water pressure | 110x2" | 12.5 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDMC11075 - HMDMC11075B | H16 /H16 Blue | Hansen | adaptor | male adaptor | Water pressure | 110x3" | 12.5 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDMC1615 - HMDMC1615B | H16 /H16 Blue | Hansen | adaptor | male adaptor | Water pressure | 16x1/2" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDMC1620 - HMDMC1620B | H16 /H16 Blue | Hansen | adaptor | male adaptor | Water pressure | 16x3/4" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDMC2015 - HMDMC2015B | H16 /H16 Blue | Hansen | adaptor | male adaptor | Water pressure | 20x1/2" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDMC2020 - HMDMC2020B | H16 /H16 Blue | Hansen | adaptor | male adaptor | Water pressure | 20x3/4" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |

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|------------------------|---------------|------------|---------------------|--------------|---------------------|--------------------------|-------------------------|------------------------------|----------------------------|----------------------|---------------|
| HMDMC2515 - HMDMC2515B | H16 /H16 Blue | Hansen | adaptor | male adaptor | Water pressure | 25x1/2" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDMC2520 - HMDMC2520B | H16 /H16 Blue | Hansen | adaptor | male adaptor | Water pressure | 25x3/4" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDMC2525 - HMDMC2525B | H16 /H16 Blue | Hansen | adaptor | male adaptor | Water pressure | 25x1" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDMC3215 - HMDMC3215B | H16 /H16 Blue | Hansen | adaptor | male adaptor | Water pressure | 32x1/2" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDMC3220 - HMDMC3220B | H16 /H16 Blue | Hansen | adaptor | male adaptor | Water pressure | 32x3/4" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDMC3225 - HMDMC3225B | H16 /H16 Blue | Hansen | adaptor | male adaptor | Water pressure | 32x1" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDMC3232 - HMDMC3232B | H16 /H16 Blue | Hansen | adaptor | male adaptor | Water pressure | 32x1"1/4 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDMC3240 - HMDMC3240B | H16 /H16 Blue | Hansen | adaptor | male adaptor | Water pressure | 32x1"1/2 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDMC4025 - HMDMC4025B | H16 /H16 Blue | Hansen | adaptor | male adaptor | Water pressure | 40x1" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDMC4032 - HMDMC4032B | H16 /H16 Blue | Hansen | adaptor | male adaptor | Water pressure | 40x1"1/4 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |

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|------------------------|---------------|------------|---------------------|--------------|---------------------|--------------------------|-------------------------|------------------------------|----------------------------|----------------------|---------------|
| HMDMC4040 - HMDMC4040B | H16 /H16 Blue | Hansen | adaptor | male adaptor | Water pressure | 40x1"1/2 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDMC4050 - HMDMC4050B | H16 /H16 Blue | Hansen | adaptor | male adaptor | Water pressure | 40x2" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDMC5032 - HMDMC5032B | H16 /H16 Blue | Hansen | adaptor | male adaptor | Water pressure | 50x1"1/4 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDMC5040 - HMDMC5040B | H16 /H16 Blue | Hansen | adaptor | male adaptor | Water pressure | 50x1"1/2 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDMC5050 - HMDMC5050B | H16 /H16 Blue | Hansen | adaptor | male adaptor | Water pressure | 50x2" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDMC6332 - HMDMC6332B | H16 /H16 Blue | Hansen | adaptor | male adaptor | Water pressure | 63x1"1/4 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDMC6340 - HMDMC6340B | H16 /H16 Blue | Hansen | adaptor | male adaptor | Water pressure | 63x1"1/2 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDMC6350 - HMDMC6350B | H16 /H16 Blue | Hansen | adaptor | male adaptor | Water pressure | 63x2" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDMC6363 - HMDMC6363B | H16 /H16 Blue | Hansen | adaptor | male adaptor | Water pressure | 63x2"1/2 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDMC7550 - HMDMC7550B | H16 /H16 Blue | Hansen | adaptor | male adaptor | Water pressure | 75x2" | 12.5 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |

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|-----------------------------|---------------|------------|---------------------|----------------------------|---------------------|--------------------------|-------------------------|------------------------------|----------------------------|----------------------|---------------|
| HMDMC7563 - HMDMC7563B | H16 /H16 Blue | Hansen | adaptor | male adaptor | Water pressure | 75x2"1/2 | 12.5 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDMC7575 - HMDMC7575B | H16 /H16 Blue | Hansen | adaptor | male adaptor | Water pressure | 75x3" | 12.5 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDMC90100 - HMDMC90100B | H16 /H16 Blue | Hansen | adaptor | male adaptor | Water pressure | 90x4" | 12.5 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDMC9050 - HMDMC9050B | H16 /H16 Blue | Hansen | adaptor | male adaptor | Water pressure | 90x2" | 12.5 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDMC9063 - HMDMC9063B | H16 /H16 Blue | Hansen | adaptor | male adaptor | Water pressure | 90x2"1/2 | 12.5 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDMC9075 - HMDMC9075B | H16 /H16 Blue | Hansen | adaptor | male adaptor | Water pressure | 90x3" | 12.5 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDME110100 - HMDME110100 B | H16 /H16 Blue | Hansen | elbow | 90° elbow with male thread | Water pressure | 110x4" | 12.5 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDME1615 - HMDME1615B | H16 /H16 Blue | Hansen | elbow | 90° elbow with male thread | Water pressure | 16x1/2" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDME1620 - HMDME1620B | H16 /H16 Blue | Hansen | elbow | 90° elbow with male thread | Water pressure | 16x3/4" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDME2015 - HMDME2015B | H16 /H16 Blue | Hansen | elbow | 90° elbow with male thread | Water pressure | 20x1/2" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |

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|------------------------|---------------|------------|---------------------|----------------------------|---------------------|--------------------------|-------------------------|------------------------------|----------------------------|----------------------|---------------|
| HMDME2020 - HMDME2020B | H16 /H16 Blue | Hansen | elbow | 90° elbow with male thread | Water pressure | 20x3/4" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDME2515 - HMDME2515B | H16 /H16 Blue | Hansen | elbow | 90° elbow with male thread | Water pressure | 25x1/2" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDME2520 - HMDME2520B | H16 /H16 Blue | Hansen | elbow | 90° elbow with male thread | Water pressure | 25x3/4" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDME2525 - HMDME2525B | H16 /H16 Blue | Hansen | elbow | 90° elbow with male thread | Water pressure | 25x1" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDME3215 - HMDME3215B | H16 /H16 Blue | Hansen | elbow | 90° elbow with male thread | Water pressure | 32x1/2" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDME3220 - HMDME3220B | H16 /H16 Blue | Hansen | elbow | 90° elbow with male thread | Water pressure | 32x3/4" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDME3225 - HMDME3225B | H16 /H16 Blue | Hansen | elbow | 90° elbow with male thread | Water pressure | 32x1" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDME3232 - HMDME3232B | H16 /H16 Blue | Hansen | elbow | 90° elbow with male thread | Water pressure | 32x1"1/4 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDME4025 - HMDME4025B | H16 /H16 Blue | Hansen | elbow | 90° elbow with male thread | Water pressure | 40x1" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDME4032 - HMDME4032B | H16 /H16 Blue | Hansen | elbow | 90° elbow with male thread | Water pressure | 40x1"1/4 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |

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|--------------------------|---------------|------------|---------------------|----------------------------|---------------------|--------------------------|-------------------------|------------------------------|----------------------------|----------------------|---------------|
| HMDME4040 - HMDME4040B | H16 /H16 Blue | Hansen | elbow | 90° elbow with male thread | Water pressure | 40x1"1/2 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDME5032 - HMDME5032B | H16 /H16 Blue | Hansen | elbow | 90° elbow with male thread | Water pressure | 50x1"1/4 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDME5040 - HMDME5040B | H16 /H16 Blue | Hansen | elbow | 90° elbow with male thread | Water pressure | 50x1"1/2 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDME5050 - HMDME5050B | H16 /H16 Blue | Hansen | elbow | 90° elbow with male thread | Water pressure | 50x2" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDME6340 - HMDME6340B | H16 /H16 Blue | Hansen | elbow | 90° elbow with male thread | Water pressure | 63x1"1/2 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDME6350 - HMDME6350B | H16 /H16 Blue | Hansen | elbow | 90° elbow with male thread | Water pressure | 63x2" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDME6363 - HMDME6363B | H16 /H16 Blue | Hansen | elbow | 90° elbow with male thread | Water pressure | 63x2"1/2 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDME7563 - HMDME7563B | H16 /H16 Blue | Hansen | elbow | 90° elbow with male thread | Water pressure | 75x2"1/2 | 12.5 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDME7575 - HMDME7575B | H16 /H16 Blue | Hansen | elbow | 90° elbow with male thread | Water pressure | 75x3" | 12.5 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDME90100 - HMDME90100B | H16 /H16 Blue | Hansen | elbow | 90° elbow with male thread | Water pressure | 90x4" | 12.5 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |

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SCHEDULE TO CERTIFICATE OF CONFORMITY

| Model Identification | Model Name | Brand Name | Product Description | Product Type | Product Application | Size Classification (DN) | Pressure Classification | Joint Type | Colour | Material Designation | Date Endorsed |
|-----------------------------|---------------|------------|---------------------|----------------------------|---------------------|--------------------------|-------------------------|------------------------------|----------------------------|----------------------|---------------|
| HMDME9075 - HMDME9075B | H16 /H16 Blue | Hansen | elbow | 90° elbow with male thread | Water pressure | 90x3" | 12.5 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDMT110100 - HMDMT110100 B | H16 /H16 Blue | Hansen | tee | 90° tee with male thread | Water pressure | 110x110x4" | 12.5 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDMT1615 - HMDMT1615B | H16 /H16 Blue | Hansen | tee | 90° tee with male thread | Water pressure | 16x16x1/2" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDMT1620 - HMDMT1620B | H16 /H16 Blue | Hansen | tee | 90° tee with male thread | Water pressure | 16x16x3/4" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDMT2015 - HMDMT2015B | H16 /H16 Blue | Hansen | tee | 90° tee with male thread | Water pressure | 20x20x1/2" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDMT2020 - HMDMT2020B | H16 /H16 Blue | Hansen | tee | 90° tee with male thread | Water pressure | 20x20x3/4" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDMT2515 - HMDMT2515B | H16 /H16 Blue | Hansen | tee | 90° tee with male thread | Water pressure | 25x25x1/2" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDMT2520 - HMDMT2520B | H16 /H16 Blue | Hansen | tee | 90° tee with male thread | Water pressure | 25x25x3/4" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDMT2525 - HMDMT2525B | H16 /H16 Blue | Hansen | tee | 90° tee with male thread | Water pressure | 25x25x1" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDMT3215 - HMDMT3215B | H16 /H16 Blue | Hansen | tee | 90° tee with male thread | Water pressure | 32x32x1/2" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |

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| Model Identification | Model Name | Brand Name | Product Description | Product Type | Product Application | Size Classification (DN) | Pressure Classification | Joint Type | Colour | Material Designation | Date Endorsed |
|------------------------|---------------|------------|---------------------|--------------------------|---------------------|--------------------------|-------------------------|------------------------------|----------------------------|----------------------|---------------|
| HMDMT3220 - HMDMT3220B | H16 /H16 Blue | Hansen | tee | 90° tee with male thread | Water pressure | 32x32x3/4" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDMT3225 - HMDMT3225B | H16 /H16 Blue | Hansen | tee | 90° tee with male thread | Water pressure | 32x32x1" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDMT3232 - HMDMT3232B | H16 /H16 Blue | Hansen | tee | 90° tee with male thread | Water pressure | 32x32x1"1/4 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDMT4025 - HMDMT4025B | H16 /H16 Blue | Hansen | tee | 90° tee with male thread | Water pressure | 40x40x1" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDMT4032 - HMDMT4032B | H16 /H16 Blue | Hansen | tee | 90° tee with male thread | Water pressure | 40x40x1"1/4 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDMT4040 - HMDMT4040B | H16 /H16 Blue | Hansen | tee | 90° tee with male thread | Water pressure | 40x40x1"1/2 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDMT5032 - HMDMT5032B | H16 /H16 Blue | Hansen | tee | 90° tee with male thread | Water pressure | 50x50x1"1/4 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDMT5040 - HMDMT5040B | H16 /H16 Blue | Hansen | tee | 90° tee with male thread | Water pressure | 50x50x1"1/2 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDMT5050 - HMDMT5050B | H16 /H16 Blue | Hansen | tee | 90° tee with male thread | Water pressure | 50x50x2" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDMT6332 - HMDMT6332B | H16 /H16 Blue | Hansen | tee | 90° tee with male thread | Water pressure | 63x63x1"1/4 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |

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| Model Identification | Model Name | Brand Name | Product Description | Product Type | Product Application | Size Classification (DN) | Pressure Classification | Joint Type | Colour | Material Designation | Date Endorsed |
|--------------------------|---------------|------------|---------------------|--------------------------|---------------------|--------------------------|-------------------------|------------------------------|----------------------------|----------------------|---------------|
| HMDMT6340 - HMDMT6340B | H16 /H16 Blue | Hansen | tee | 90° tee with male thread | Water pressure | 63x63x1"1/2 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDMT6350 - HMDMT6350B | H16 /H16 Blue | Hansen | tee | 90° tee with male thread | Water pressure | 63x63x2" | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDMT6363 - HMDMT6363B | H16 /H16 Blue | Hansen | tee | 90° tee with male thread | Water pressure | 63x63x2"1/2 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDMT7563 - HMDMT7563B | H16 /H16 Blue | Hansen | tee | 90° tee with male thread | Water pressure | 75x75x2"1/2 | 12.5 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDMT7575 - HMDMT7575B | H16 /H16 Blue | Hansen | tee | 90° tee with male thread | Water pressure | 75x75x3" | 12.5 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDMT90100 - HMDMT90100B | H16 /H16 Blue | Hansen | tee | 90° tee with male thread | Water pressure | 90x90x4" | 12.5 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDMT9075 - HMDMT9075B | H16 /H16 Blue | Hansen | tee | 90° tee with male thread | Water pressure | 90x90x3" | 12.5 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDRC11063 - HMDRC11063B | H16 /H16 Blue | Hansen | coupling | reducing coupling | Water pressure | 110x63 | 12.5 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDRC11075 - HMDRC11075B | H16 /H16 Blue | Hansen | coupling | reducing coupling | Water pressure | 110x75 | 12.5 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDRC11090 - HMDRC11090B | H16 /H16 Blue | Hansen | coupling | reducing coupling | Water pressure | 110x90 | 12.5 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |

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|------------------------|---------------|------------|---------------------|-------------------|---------------------|--------------------------|-------------------------|------------------------------|----------------------------|----------------------|---------------|
| HMDRC2016 - HMDRC2016B | H16 /H16 Blue | Hansen | coupling | reducing coupling | Water pressure | 20x16 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDRC2516 - HMDRC2516B | H16 /H16 Blue | Hansen | coupling | reducing coupling | Water pressure | 25x16 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDRC2520 - HMDRC2520B | H16 /H16 Blue | Hansen | coupling | reducing coupling | Water pressure | 25x20 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDRC3220 - HMDRC3220B | H16 /H16 Blue | Hansen | coupling | reducing coupling | Water pressure | 32x20 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDRC3225 - HMDRC3225B | H16 /H16 Blue | Hansen | coupling | reducing coupling | Water pressure | 32x25 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDRC4025 - HMDRC4025B | H16 /H16 Blue | Hansen | coupling | reducing coupling | Water pressure | 40x25 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDRC4032 - HMDRC4032B | H16 /H16 Blue | Hansen | coupling | reducing coupling | Water pressure | 40x32 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDRC5025 - HMDRC5025B | H16 /H16 Blue | Hansen | coupling | reducing coupling | Water pressure | 50x25 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDRC5032 - HMDRC5032B | H16 /H16 Blue | Hansen | coupling | reducing coupling | Water pressure | 50x32 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDRC5040 - HMDRC5040B | H16 /H16 Blue | Hansen | coupling | reducing coupling | Water pressure | 50x40 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |

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|--------------------------|---------------|------------|---------------------|-------------------|---------------------|--------------------------|-------------------------|------------------------------|----------------------------|----------------------|---------------|
| HMDRC6332 - HMDRC6332B | H16 /H16 Blue | Hansen | coupling | reducing coupling | Water pressure | 63x32 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDRC6340 - HMDRC6340B | H16 /H16 Blue | Hansen | coupling | reducing coupling | Water pressure | 63x40 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDRC6350 - HMDRC6350B | H16 /H16 Blue | Hansen | coupling | reducing coupling | Water pressure | 63x50 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDRC7550 - HMDRC7550B | H16 /H16 Blue | Hansen | coupling | reducing coupling | Water pressure | 75x50 | 12.5 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDRC7563 - HMDRC7563B | H16 /H16 Blue | Hansen | coupling | reducing coupling | Water pressure | 75x63 | 12.5 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDRC9063 - HMDRC9063B | H16 /H16 Blue | Hansen | coupling | reducing coupling | Water pressure | 90x63 | 12.5 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDRC9075 - HMDRC9075B | H16 /H16 Blue | Hansen | coupling | reducing coupling | Water pressure | 90x75 | 12.5 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDRT11063 - HMDRT11063B | H16 /H16 Blue | Hansen | tee | 90° reducing tee | Water pressure | 110x110x63 | 12.5 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDRT11090 - HMDRT11090B | H16 /H16 Blue | Hansen | tee | 90° reducing tee | Water pressure | 110x110x90 | 12.5 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDRT2016 - HMDRT2016B | H16 /H16 Blue | Hansen | tee | 90° reducing tee | Water pressure | 20X20X16 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |

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| Model Identification | Model Name | Brand Name | Product Description | Product Type | Product Application | Size Classification (DN) | Pressure Classification | Joint Type | Colour | Material Designation | Date Endorsed |
|------------------------|---------------|------------|---------------------|------------------|---------------------|--------------------------|-------------------------|------------------------------|----------------------------|----------------------|---------------|
| HMDRT2520 - HMDRT2520B | H16 /H16 Blue | Hansen | tee | 90° reducing tee | Water pressure | 25x25x20 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDRT3225 - HMDRT3225B | H16 /H16 Blue | Hansen | tee | 90° reducing tee | Water pressure | 32x32x25 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDRT4032 - HMDRT4032B | H16 /H16 Blue | Hansen | tee | 90° reducing tee | Water pressure | 40x40x32 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDRT5032 - HMDRT5032B | H16 /H16 Blue | Hansen | tee | 90° reducing tee | Water pressure | 50x50x32 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDRT5040 - HMDRT5040B | H16 /H16 Blue | Hansen | tee | 90° reducing tee | Water pressure | 50x50x40 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDRT6340 - HMDRT6340B | H16 /H16 Blue | Hansen | tee | 90° reducing tee | Water pressure | 63x63x40 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDRT6350 - HMDRT6350B | H16 /H16 Blue | Hansen | tee | 90° reducing tee | Water pressure | 63x63x50 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDRT7563 - HMDRT7563B | H16 /H16 Blue | Hansen | tee | 90° reducing tee | Water pressure | 75x75x63 | 12.5 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDRT9075 - HMDRT9075B | H16 /H16 Blue | Hansen | tee | 90° reducing tee | Water pressure | 90x90x75 | 12.5 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDT110 - HMDT110B | H16 /H16 Blue | Hansen | tee | 90° tee | Water pressure | 110x110x110 | 12.5 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |

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|----------------------|---------------|------------|---------------------|--------------|---------------------|--------------------------|-------------------------|------------------------------|----------------------------|----------------------|---------------|
| HMDT16 - HMDT16B | H16 /H16 Blue | Hansen | tee | 90° tee | Water pressure | 16x16x16 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDT20 - HMDT20B | H16 /H16 Blue | Hansen | tee | 90° tee | Water pressure | 20x20x20 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDT25 - HMDT25B | H16 /H16 Blue | Hansen | tee | 90° tee | Water pressure | 25x25x25 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDT32 - HMDT32B | H16 /H16 Blue | Hansen | tee | 90° tee | Water pressure | 32x32x32 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDT40 - HMDT40B | H16 /H16 Blue | Hansen | tee | 90° tee | Water pressure | 40x40x40 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDT50 - HMDT50B | H16 /H16 Blue | Hansen | tee | 90° tee | Water pressure | 50x50x50 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDT63 - HMDT63B | H16 /H16 Blue | Hansen | tee | 90° tee | Water pressure | 63x63x63 | 16 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDT75 - HMDT75B | H16 /H16 Blue | Hansen | tee | 90° tee | Water pressure | 75x75x75 | 12.5 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |
| HMDT90 - HMDT90B | H16 /H16 Blue | Hansen | tee | 90° tee | Water pressure | 90x90x90 | 12.5 | Mechanical compression Joint | Black / Black / Light blue | Polypropylene (PP-B) | 29 Jul 2013 |

End of Record

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